



Curriculum vitae
Europass

Personal Information

Surname / First Name

Tăbușcă, Alexandru

Address

Phone

Fix: [REDACTED] | Mobil: [REDACTED]

Nationality

Romanian

Birth date

Sex

Male

Job Applied for/
Occupational Domain

-

Professional Experience

Period

2020 – present

Job / Position

Dean, School of Computer Science for Business Management

Main activities and responsibilities

Management of educational and administrative activities at the level of the School of Computer Science for Business Management of the Romanian-American University.

Name and address of employer

Romanian-American University, 1B Bd. Expoziției Blvd. 012101, Bucharest, Romania

Activity / Field type

Higher Education / academic administration

Period

2018 – 2020

Job / Position

Chief Information Officer

Main activities and responsibilities

Counseling the executive board of the institution, supervising and strategic orientation regarding the IT&C resources of the Romanian-American University; development of IT&C infrastructure; development of business-critical IT&C applications; supervising acquisitions/configurations/operations within the fields of IT&C, security, electronics and surveillance.

Name and address of employer

Romanian-American University, 1B Bd. Expoziției Blvd. 012101, Bucharest, Romania

Activity / Field type

IT & C

Period

2007 – present

Job / Position

Editor-in-Chief (since 2019)

Main activities and responsibilities

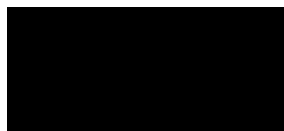
Managing the scientific journal "Journal of Information Systems & Operations Management". Member of the editorial board up to 2019, Editor-in-Chief since September 2019.

Name and address of employer

Romanian-American University, 1B Bd. Expoziției Blvd. 012101, Bucharest, Romania

Activity / Field type

Scientific Research



Period	2001 – 2020
Job / Position	Director, IT & C Department
Main activities and responsibilities	IT&C resources management; infrastructure planning and development; IT&C applications development; IT&C, security, surveillance, and electronic devices acquisitions/management.
Name and address of employer	Romanian-American University, 1B Bd. Expoziției Blvd. 012101, Bucharest, Romania
Activity / Field type	IT & C
Period	2001 – to date
Job / Position	Member of the Faculty, Associate Professor (current level)
Main activities and responsibilities	Teaching and research activity at BA and MA levels, continuous updating of study programs, curricula, and software-hardware resources for the IT profile study programs. Teaching and scientific research activities, lectures and laboratories at BA and MA study programs level for the following courses: Web Programming (undergraduate level, in Romanian), Java Programming (undergraduate level, in Romanian), Advanced Java Frameworks (master level, in Romanian), E-Business and Applicative Software (master level, in Romanian), Multimedia & Animation (master level, in Romanian), Security of Information Systems (master level, in Romanian), Web Applications and Integrated Technologies (master level, in Romanian), Personal Data Protection Systems (master level, in Romanian), Economic Informatics (undergraduate level, in English), Advanced Programming Environments – Java (undergraduate level, in English), New Technologies in International Business (master level, In English), Web Applications and Integrated Technologies (master level, in English), Security of Information Systems (master level, in Romanian), Personal Data Protection Systems (master level, in English). Invited/visiting professor at: A Coruna University (A Coruna, Spain – May 8-12, 2017)
Name and address of employer	School of Computer Science for Business Management of Romanian-American University Romanian-American University, 1B Bd. Expoziției Blvd. 012101, Bucharest, Romania
Activity / Field type	Higher Education and Research / fields of IT and Economics
Period	19.08.2023 – 31.12.2023
Job / Position	Short-term consultant, assignment with Social Protection & Labor ECA
Activity / Field type	Consultancy in the IT domain, related to the dashboard of a future software application supported by WBG.
Name and address of employer	World Bank Group
Education and Formation	
Period	2014 – 2015
Qualification / Diploma	Post-Doctoral Studies , research grant obtained through competition within the EU funded project “Doctoral and Post-doctoral Studies Horizon 2020: Promoting National Interest through Excellence, Competitiveness and Commitment in Romanian Fundamental and Applied Scientific Research” - POSDRU/159/1.5/S/140106.
Main topics of the studies / professional competencies	Final thesis entitled “Use of Modern Encryption Systems for Supporting New Online Activities Monetization Models” / Encryption techniques and algorithms, security systems, programming languages, online advertising, monetization models, augmented reality
Educational Institution	Romanian-Academy, Institute of World Economy
Classification Level	Post-doctoral

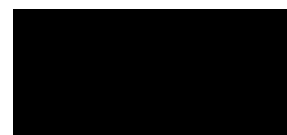


Period	2004 – 2010
Qualification / Diploma	PhD in Cybernetics and Economic Statistics
Main topics of the studies / professional competencies	Final thesis entitled “Improvements of data transmissions security within computer networks” / Main topics and competencies: Software Applications in Business, Advanced Computer Networks, Advanced Encryption and Security Technologies, Advanced Databases Systems Security.
Educational Institution	Academy of Economic Studies – Bucharest, Faculty of Cybernetics, Statistics and Economic Informatics
Classification Level	Doctorate / ISCED 8
Period	2003 – 2005
Qualification / Diploma	Masters in IT for Economics
Main topics of the studies / professional competencies	4 semesters (2 years), disciplines from the field of IT for Economics
Educational Institution	Romanian-American University
Classification Level	Master’s / ISCED 7
Period	1996 – 2001
Qualification / Diploma	Bachelor’s Degree, Managerial Informatics
Main topics of the studies / professional competencies	8 semesters (4 year), disciplines from the field for Cybernetics, Statistics and Economics IT.
Educational Institution	Studies at the Romanian-American University, School of Computer Science for Business Management / BA Diploma from the Academy of Economic Studies – Bucharest, School of Cybernetics, Statistics and Economic Informatics
Classification Level	Bachelor’s / ISCED 6
Period	1992 - 1996
Qualification / Diploma	Baccalaureate
Main topics of the studies / professional competencies	4 years, high school studies, special class with IT profile
Educational Institution	Ion Neculce High School, Bucharest
Classification Level	Baccalaureate / ISCED 3
Period	2018 - 2020
Qualification / Diploma	Data Protection Officer
Main topics of the studies / professional competencies	General principles and elements of GDPR; Security breaches notifications; GDPR regulations for work relations; GDPR sanctions; Jurisprudence in the field of personal data protection; Mapping of personal data.
Educational Institution	Petru Maior University of Târgu Mureș, School of Economics, Law, and Administrative Sciences
Classification Level	Specialization



Personal skills and competencies

Native Tongue	Romanian									
Foreign Language										
Auto evaluation										
European Level (*)										
English	Understanding		Speech				Writing			
		Listening		Reading		Conversation		Speech		Writing
	C2	Experienced	C2	Experienced	C2	Experienced	C2	Experienced	C2	Experienced
French	B2	Independent user	B2	Independent user	B1	Independent user	B1	Independent user	B1	Independent user
(*) Level of the European Common Framework for Foreign Languages										
Social Competencies and Skills	<ul style="list-style-type: none">- Leadership spirit- Team spirit- Multicultural environment accommodation- Great capabilities to communicate and raise a team's capabilities.									
Organizational Competencies and Skills	<ul style="list-style-type: none">- Leadership- Organizational experience and skills- Experienced in project/team management.									
Technical Competencies and Skills	<ul style="list-style-type: none">- Multiple competencies and skills within the IT&C field at both software and hardware levels (web programming, computer programming using Java, C++, SQL, PHP, JS frameworks, software security and optimizing solutions etc.)									
PC User Competencies and Skills	<ul style="list-style-type: none">- Web programming and design- Advanced computer programming- Design, Maintenance and Management of advanced integrated networks- Advanced theoretical and practical knowledge regarding security issues at both software and hardware level									
Artistic Competencies and Skills	<ul style="list-style-type: none">-									
Other Competencies and Skills	<ul style="list-style-type: none">-									
Driving License	B Category									



Additional Info

- Owner of the "Educational Merit" Medal - 3rd Class, awarded by the Romanian republic through the Presidential Administration - Order's Office, by the Decree 1097 issued on 10-XII-2004
- Internal Evaluator Certification Degree, obtained by graduating a specialized course organized by the Romanian Agency for Quality Assurance in Higher Education (ARACIS), February 2010
- Certificate of teaching skills in English for the Information Technology field, obtained from the Romanian-American University, February 2010
- Certificate of Completion of the "Training for University Didactic and Administrative Staff: English for University Lecturers" course, organized by Reykjavik University – Iceland, September 2010
- Diploma for graduating a course regarding the implementation of international standards for accounting, financial audit, and management, the "Romanian Accounting Alignment with the International Accounting Standards" module, organized within the PHARE Nr. 2005/017-553.04.02.02.01.814 project, October 2010
- Diploma for graduating a course regarding the implementation of international standards for accounting, financial audit, and management, the "The New Approach of the Managerial Accounting under the Conditions of a Competitive Economy" module, organized within the PHARE Nr. 2005/017-553.04.02.02.01.814 project, October 2010
- Diploma for graduating a course regarding the implementation of international standards for accounting, financial audit, and management, the "Quality Management Systems According to the ISO 9001:2000 International Standards" module, organized within the PHARE Nr. 2005/017-553.04.02.02.01.814 project, October 2010
- Diploma for course regarding implementation of international standards for accounting, financial audit, and management, the "Human Resources Management" module, organized within the PHARE Nr. 2005/017-553.04.02.02.01.814 project, October 2010
- Certificate of Completion for the course „Project Manager”, issued under the authority of the Ministry of Work, Family and Equality of Chances and the Ministry of Education, Research and Youth, March 2011
- Certificate of Completion of the "Using Writing to Promote Effective Learning in Higher Education" course, organized by Central European University – Hungary (Budapest), June 2012
- Certificate of Completion of the "The New Haven School of Thought" course, organized by Università degli Studi di Siena – Siena (Italy), June 2013
- Diploma for graduating the course "Preparation and Certification of the Data Protection Officer (DPO)", organized by Petru Maior University of Târgu Mureș, School of Economic, Law and Administrative Sciences

Scientific / professional organizations

- Member of the international scientific organization "International Engineering and Technology Institute" (<http://www.ieti.net/pro/memberdetail.aspx?ID=730>)
- Member of the international scientific organization "International Association for Knowledge Management" (<http://iakm.weebly.com/members.html>)
- Member of the international scientific organization "Computer Science Teacher Association" (<https://csteachers.org>)
- Member of the international scientific organization "World Academy of Science, Engineering and Technology" (<https://panel.waset.org/profile>)
- Member of the international scientific organization "Association for Computing Machinery" (<https://panel.waset.org/profile>)

Annexes

- [Annex 1 – Published works](#)
- [Annex 2 – Research activities](#)
- [Annex 3 – Baccalaureate Degree Copy](#)
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- [Annex 5 – Master's degree Copy](#)
- [Annex 6 – PhD Degree Copy](#)
- [Annex 7 – Post-Doctoral Degree Copy](#)
- [Annex 8 – DPO Certification Copy](#)
- [Annex 9 – Pedagogical Training Diploma](#)



A. PhD Thesis

- 1) "Îmbunătățirea securității transmisiilor de date în cadrul rețelelor de calculatoare" ("Improving the Safety of Data Transmissions"), 2011

B. Books and chapters in books

- 1) "WEB APPLICATIONS PROGRAMMING", book published at Sylvi Publishing House, used as manual for the courses of the School of Computer Science for Business Management of the Romanian-American University; ISBN: 973-628-023-3, 322 pages, together with teaching assistant Daniela Alexandru Crișan, PhD Candidate (2003)
- 2) „WEB APPLICATIONS PROGRAMMING. HTML LANGUAGE. JAVASCRIPT PROGRAMMING.”, book published at the ProUniversitaria Publishing House, used as manual for the courses of the School of Computer Science for Business Management of the Romanian-American University; ISBN: (10) 973-8994-59-4, (13) 978-973-8994-59-1, 321 pages, together with associate professor Daniela Alexandra Crișan, PhD (2006)
- 3) „ÎMBUNĂTĂȚIREA SECURITĂȚII TRANSMISIILOR DE DATE” (“IMPROVING THE SAFETY OF DATA TRANSMISSIONS”) – Author: Alexandru Tăbușcă – specialized book; ISBN 978-606-26-0169-0, Pro Universitaria Publishing House, 194 pages (2014)
- 4) „UNDER THE PRESSURE OF DIGITALIZATION: CHALLENGES AND SOLUTIONS AT ORGANIZATIONAL AND INDUSTRIAL LEVELS” – Co-author of chapter: Alexandru Tăbușcă – specialized book; ISBN 979-12-80225-27-6, published by Filodiritto Publisher (Bologna, Italia), 181 pages (2021)
- 5) „LICENȚĂ 2022 - TESTE GRILĂ (ORIENTATIVE): PENTRU ABSOLVENȚII ANULUI III – ÎNVĂȚĂMÂNT CU FRECVENȚĂ” – Coordinator: Alexandru Tăbușcă, authors: TĂBUȘCĂ Alexandru, BOTEZATU Cornelia Paulina, CĂRUȚAȘU George, GARAIS Gabriel, IACOB Ionel, CRIȘAN Daniela Alexandra, STĂNICĂ Justina Lavinia, CHICHERNEA Virgil; specialized book, ISBN: 978-973-0-36358-6, Romanian-American University Publishing House (2022)
- 6) „BACHELOR S DEGREE 2022- MULTIPLE - CHOICE TESTS (INDICATIVE): PRACTICE BOOK FOR 3RD YEAR STUDENTS, FULL-TIME STUDIES” – Coordinator: Alexandru Tăbușcă, authors: TĂBUȘCĂ Alexandru, CRIȘAN Daniela-Alexandra, ENĂCEANU Alexandru-Șerban, GARAIS Eugen-Gabriel, PÎRJAN Alexandru, STĂNICĂ Justina-Lavinia; specialized book published in English, ISBN: 978-973-0-36382-1, Romanian-American University Publishing House (2022)
- 7) „LICENȚĂ 2023 - TESTE GRILĂ (ORIENTATIVE): PENTRU ABSOLVENȚII ANULUI III, ÎNVĂȚĂMÂNT CU FRECVENȚĂ” – Coordinator: Alexandru Tăbușcă, authors: TĂBUȘCĂ Alexandru, CĂRUȚAȘU George, CRIȘAN Daniela-Alexandra, GARAIS Eugen-Gabriel, IACOB Ionel, STĂNICĂ Justina-Lavinia; specialized book, ISBN: 978-973-0-38426-0, Romanian-American University Publishing House (2023)



- 8) „BACHELOR’S DEGREE 2023 - MULTIPLE-CHOICE TESTS (INDICATIVE): PRACTICE BOOK FOR 3RD YEAR STUDENTS, FULL-TIME STUDIES” – Coordinator: Alexandru Tăbușcă, authors: TĂBUȘCĂ Alexandru, CRIȘAN Alexandra Daniela, ENĂCEANU Alexandru-Șerban, GARAIS Eugen-Gabriel, PÎRJAN Alexandru, STĂNICĂ Justina-Lavinia; ca specialized book published in English, ISBN: 978-973-0-38425-3, Romanian-American University Publishing House (2023)
- 9) „LICENȚĂ 2024 - TESTE GRILĂ (ORIENTATIVE): PENTRU ABSOLVENȚII ANULUI III, ÎNVĂȚĂMÂNT CU FRECVENȚĂ” – Coordinator: Alexandru Tăbușcă, authors: TĂBUȘCĂ Alexandru, CĂRUȚAȘU George, CRIȘAN Daniela-Alexandra, GARAIS Eugen-Gabriel, IACOB Ionel; specialized book, ISBN: 978-973-0-40181-3, Romanian-American University Publishing House (2024)
- 10) „BACHELOR’S DEGREE 2024 - MULTIPLE-CHOICE TESTS (INDICATIVE): PRACTICE BOOK FOR 3RD YEAR STUDENTS, FULL-TIME STUDIES” – Coordinator: Alexandru Tăbușcă, authors: TĂBUȘCĂ Alexandru, BÂRCĂ Claudiu-Dan, CRIȘAN Alexandra Daniela, GARAIS Eugen-Gabriel, PÎRJAN Alexandru; specialized book published in English, ISBN: 978-973-0-4018-3, Romanian-American University Publishing House (2024)
- 11) „CRITICAL READING OF DIGITAL TEXTS: THE EMILE PROJECT. EMPOWERING SCHOOLS IN SELF-REGULATION OF MEDIA AND INFORMATION LITERACY PROCESSES” – Authors: Clara Bombonato (Anastasis Social Cooperative), Silvia Della Rocca (University of Florence), Andrea Frascari (Anastasis Social Cooperative), Carita Kiili (Tampere University), Pirjo Kulju (Tampere University), Andrei Luchici (Romanian-American University), Chiara Pecini (University of Florence), Antea Scrocco (University of Florence), Alexandru Tabusca (Romanian-American University); specialized book, published in English and in Italian, ISBN: 979-12-81075-24-5, Hogrefe Publishing House, 115 pages (2024)
- 12) „SUSTAINABLE DEVELOPMENT AND THE ATTRACTIVENESS OF DEVELOPMENT REGIONS, SOURCE STRATEGIES FOR SUSTAINABLE TERRITORIAL DEVELOPMENT” – Authors: Mihai Alexandru Botezatu, Alexandru Tăbușcă, Iuliu Marin Ivănescu; specialized book published in English, pages 217-248, DOI: 10.4018/979-8-3693-7081-0.ch011, April 2025, IGI Global Scientific Publishing (<https://www.igi-global.com/chapter/sustainable-development-and-the-attractiveness-of-development-regions/374246>), ISBN 9798369370810 (2025)
- 13) „LICENȚĂ 2025 - TESTE GRILĂ (ORIENTATIVE): PENTRU ABSOLVENȚII ANULUI III, ÎNVĂȚĂMÂNT CU FRECVENȚĂ” – Coordinator: Alexandru Tăbușcă, authors: TĂBUȘCĂ Alexandru, CĂRUȚAȘU George, CRIȘAN Daniela-Alexandra, GARAIS Eugen-Gabriel, IACOB Ionel; specialized book, ISBN: 978-973-0-42010-4, Romanian-American University Publishing House (2025)
- 14) „BACHELOR’S DEGREE 2025 - MULTIPLE-CHOICE TESTS (INDICATIVE): PRACTICE BOOK FOR 3RD YEAR STUDENTS, FULL-TIME STUDIES” – Coordinator: Alexandru Tăbușcă, authors: TĂBUȘCĂ Alexandru, BÂRCĂ Claudiu-Dan, CRIȘAN Alexandra Daniela, GARAIS Eugen-Gabriel, PÎRJAN Alexandru; specialized book published in English, ISBN: 978-973-0-42011-1, Romanian-American University Publishing House (2025)

C. Indexed works (International Databases / ISI / WoS / etc.)



- 0) Seven articles published within the Scientific Communications Sessions organized annually by the Romanian-American University, regarding a large array of subjects: informatics, cybernetics, economic mathematics, artificial intelligence, applied economics, databases, risk theory, computer programming using C++ and Java languages. (1996 – 2000)
- 1) "OPTIMIZING THE LINES AND FLOWS OF INTEGRAL-TYPE OF PRODUCTION BY TECHNIQUES AND METHODS USING THE CONCEPTS OF 'MATERIAL REQUIREMENT PLANNING FOR WORK PLACES' – PAM, AND 'MASTER PRODUCTION SCHEDULE' – MPS" – authors: Virgil Chichernea – Romanian-American University, Alexandru Tăbușcă – Romanian-American University and Nicolae Rusu – INFOSIT S.A., presented at the fourth international symposium on economic informatics "Information Technology" – organized by the Academy of Economic Studies in May 1999; ISBN 973-98508-5-5, Infosec Publishing House, pages 553-560 (1999)
- 2) "IMPLEMENTING AN INFORMATICS SOLUTION WITHIN MICRO AND MIDDLE ENTERPRISES" – auth: Virgil Chichernea – Romanian-American University and Alexandru Tăbușcă – Romanian-American University, presented at the FULLBRIGHT COMMUNICATIONS SESSION, ROMANIA – February 2000 (2000)
- 3) „TOOLS AND PRACTICES FOR CRITICAL INFORMATION ASSET PROTECTION” – authors: Virgil Chichernea – Romanian-American University and Alexandru Tăbușcă – BALEXPA SRL, presented at the fifth international symposium on economic informatics "Information Society" – organized by the Academy of Economic Studies in May 2001; ISBN 973-99450-4-X, Infosec Publishing House, pages 701-707 (2001)
- 4) "DATA SECURITY THROUGH ENCRYPTION AND DATA TRANSMISSIONS SECURITY" – paper published in the volume of the "Romanian-American University Faculty's Scientific Communications Session", May 2002; ISBN 973-8258-79-0, Sylvi Publishing House (2002)
- 5) „THE NEW JAVA2 ENTERPRISE EDITION PLATFORM-WHY?”, article published in the volume „Information Systems & Operations Management – No.1” - ISBN 973-8499-40-2, edited by the Romanian-American University and the Academy of Economic Studies for the common workshop dedicated to the informatics master studies of the two institutions; ISBN 973-8499-40-2, Universitary Publishing House, pages 301-306 (2004)
- 6) „STEGANALYSIS: THE INVESTIGATION OF HIDDEN INFORMATION”, article published in the volume „Information Systems & Operations Management – No.3” - ISBN 973-87166-8-3, edited by the Romanian-American University and the Academy of Economic Studies – BRIE Master Program for the common workshop dedicated to the master studies of the two institutions; ISBN 973-87166-8-3, Pro Universalis Publishing House, pages 23-30 (2005)
- 7) "CONSIDERATIONS REGARDING MOBILE SOFTWARE APPLICATIONS", paper published in the volume "The Eighth International Conference on Informatics in Economy IE 2007 – Informatics in Knowledge Society" – May 17th-18th, 2007, organized by the Academy of Economic Studies; ISBN 978-973-594-921-1, ASE Publishing House (2007)
- 8) „DEVELOPING PALM APPLICATIONS WITH JAVA”, paper published in the volume „Information Systems & Operations Management – No.6” - ISSN 1844-5071, edited by the Romanian-American University, the Academy of Economic Studies – BRIE Master Program and the



Bucharest Politehnica University for the common workshop dedicated to the master studies of the three institutions; ISBN 1844-5071, ProUniversitaria Publishing House, pages 66-72 (2008)

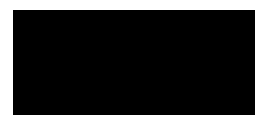
- 9) „TODAY AND FUTURE IT PROTECTION SOLUTIONS FOR THE BUSINESS ENVIRONMENT”, paper published in the “Metalurgia International” magazine, No.10/2009, ISI rated article; ISSN 1582-2214, F.M.R. Scientific Publishing House, pages 159-163; Relative impact factor of the publication 0.14799 (2009)
- 10) „A QUICK LOOK AT THE FUTURE OF PROTECTION – NINE GUIDELINES TO FOLLOW”, paper published in the volume „Journal of Information Systems & Operations Management – No.3 Vol.1 – July 2009” - B+ rated magazine by CNCIS; ISSN 1843-4711, University Publishing House, pages 141-145 (2009)
- 11) „NETWORK SECURITY INCREASE BY USING EXTENDED VALIDATION SECURE SOCKET LAYER CERTIFICATES FOR AVOIDING THE PHISHING THREATS” – authors: Alexandru Tăbușcă – Romanian-American University and Alexandru Enăceanu – Romanian-American University, paper published in the “Annals of DAAAM for 2009 & Proceedings of 20th DAAAM International Symposium <<Intelligent Manufacturing & Automation: Theory, Practice & Education>>” – Austria, Vienna; ISI rated article; ISBN 978-3-901509-70-4, ISSN 1726-9679, DAAAM International Publishing House, pages 081-0818 (2009)
- 12) „NETWORK TRAFFIC OPTIMIZING ALGORITHMS IN LINUX” – authors: Alexandru Tăbușcă – Romanian-American University and Alexandru Enăceanu – Romanian-American University, paper published in the “Annals of DAAAM for 2009 & Proceedings of 20th DAAAM International Symposium <<Intelligent Manufacturing & Automation: Theory, Practice & Education>>” – Austria, Vienna; ISI rated article; ISBN 978-3-901509-70-4, ISSN 1726-9679, DAAAM International Publishing House, pages 0817-0818 (2009)
- 13) „OPTIMIZING ANTI-PHISHING SOLUTIONS BASED ON USER AWARENESS, EDUCATION AND THE USE OF THE LATEST WEB SECURITY SOLUTIONS” – authors Alexandru Tăbușcă – Romanian-American University and Ion Lungu – Academy of Economic Studies, published in the “Informatica Economica” magazine, Vol.14, No.2/2010, B+ rated magazine by CNCIS; ISSN 1453-1305, Infoec Publishing House, pages 27-36 (2010)
- 14) „A NEW SECURITY SOLUTION IMPLEMENTED BY THE USE OF THE MULTILAYERED STRUCTURAL DATA SECTORS SWITCHING ALGORITHM (MSDSSA)” – author: Alexandru Tăbușcă – Romanian-American University, published in the volume „Journal of Information Systems & Operations Management – Vol.4, No.2 – December 2010” – B+ rated magazine by CNCIS; ISSN 1843-4711, University Publishing House, pages 164-168 (2010)
- 15) „ANALYSIS OF THE ONLINE ADVERTISING MARKET - TRENDS UPON THE SHADOW OF THE WORLD CRISIS” – author: Alexandru Tăbușcă – Romanian-American University, published in “Romanian Economics & Business Review, Vol.5., No.4.1 Special Issues/2010 – December 2010” – B+ rated magazine by CNCIS; ISSN 1842-2497, ProUniversitaria Publishing House, pages 140-145 (2010)
- 16) „THE NEW <<UNIVERSAL TRUTH>> OF THE WORLD WIDE WEB” – Author: Alexandru Tăbușcă – Romanian-American University, published in “Journal of Information Systems & Operations



- Management, Vol.5, No.1/2011 – May 2011” – B+ rated magazine by CNCIS; ISSN 1843-4711, University Publishing House, pages 108-115 (2011)
- 17) „ESTABLISHED WAYS TO ATTACK EVEN THE BEST ENCRYPTION ALGORITHM” – Author: Alexandru Tăbușcă – Romanian-American University, published in “Journal of Information Systems & Operations Management, Vol.5, No.2.1/2011 – December 2011” – B+ rated magazine by CNCIS; ISSN 1843-4711, University Publishing House, pages 485-491 (2011)
 - 18) „SOME LEGAL AND TECHNICAL ASPECTS RELATED TO POSSIBLE INTERNET’S THREATS ON THE FUNDAMENTAL RIGHT TO PRIVATE PROPERTY” – Author: Silvia Maria Tăbușcă, Alexandru Tăbușcă, Virgil Chichernea – Romanian-American University, published in “Journal of Information Systems & Operations Management, Vol.5, No.2.1/2011 – December 2011” – B+ rated magazine by CNCIS; ISSN 1843-4711, University Publishing House, pages 584-591 (2011)
 - 19) „ELECTRONIC ONLINE ADVERTISING – THE `ECONOMIC CRISIS` IS JUST THE PRETEXT OF THE FALL” – Author: Alexandru Tăbușcă – Romanian-American University, published in “Journal of Information Systems & Operations Management, Vol.6, No.2/2012 – December 2012” – B+ rated magazine by CNCIS; ISSN 1843-4711, University Publishing House, pages 410-418 (2012)
 - 20) „HTML5 – A NEW HOPE AND A DREAM” – Author: Alexandru Tăbușcă – Romanian-American University, published in “Journal of Information Systems & Operations Management, Vol.7, No.1/2013 – May 2013” - B+ rated magazine by CNCIS; ISSN 1843-4711, University Publishing House, pages 51-60 (2013)
 - 21) „THE TRUTH ABOUT THE INTERNET ADVERTISING SYSTEM AND UNTAPPED MONETIZATION MODELS” – Author: Alexandru Tăbușcă – Romanian-American University, published in “Recent Researches in Applied Economics and Management - Economic Aspects on Environment, Development, Tourism and Cultural Heritage - vol.2, August 27-29, 2013” (Proceedings of the 5th International Conference on Applied Economics, Business and Development - AEBD '13) – WSEAS publication indexed in International Data Bases (BDI); ISBN: 978-960-474-324-7, ISBN: 978-960-474-322-3 (SET), ISSN: 2227-460X, WSEAS Press, pages 129-136 (2013)
 - 22) „HTML5 – AUGMENTED REALITY, A NEW ALLIANCE AGAINST THE OLD WEB EMPIRE?” – Author: Alexandru Tăbușcă – Romanian-American University, published in “Journal of Information Systems & Operations Management, Vol.7, No.2/2013 – December 2013” - B+ rated magazine by CNCIS; ISSN 1843-4711, University Publishing House, pages 325-332 (2013)
 - 23) „AUGMENTED REALITY – NEED, OPPORTUNITY OR FASHION” – Author: Alexandru Tăbușcă – Romanian-American University, published in “Journal of Information Systems & Operations Management, Vol.8, No.2/2014 – December 2014” - B+ rated magazine by CNCIS; ISSN 1843-4711, University Publishing House, pages 307-315 (2014)
 - 24) „LEARNING A PROGRAMMING LANGUAGE FOR TODAY” – Author: Alexandru Tăbușcă – Romanian-American University, published in “Journal of Information Systems & Operations Management, Vol.9, No.1/2015 – May 2015” - BDI rated journal; ISSN 1843-4711, University Publishing House, pages 83-94 (2015)



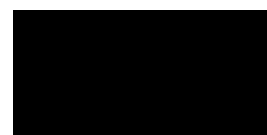
- 25) „AUGMENTED REALITY – A POSSIBLE GAME-CHANGER IN EDUCATION” – Author: Alexandru Tăbușcă – Institute of World Economy, Romanian Academy, paper presented at the international conference “National Strategies Observer – NOS 2015”, Oxford-Bucharest Duplex, September 9-10 of 2015, published in the „National Strategies Observer No.2/Vol.1, 2015” (2015)
- 26) „PRESENT AND FUTURE ECONOMICS OF AUGMENTED REALITY” – Author: Alexandru Tăbușcă – Romanian-American University, published in “Journal of Information Systems & Operations Management, Vol.9, No.2/2015 – December 2015” - BDI rated journal; ISSN 1843-4711, University Publishing House, pages 482-492 (2015)
- 27) „UNIVERSITY STUDENT ATTENDANCE MANAGEMENT SYSTEM” – Authors: Victor Tirmann – Romanian-American University, Alexandru Tăbușcă – Romanian-American University, published in “Journal of Information Systems & Operations Management, Vol.10, No.1/2016 – May 2016” - BDI rated journal; ISSN 1843-4711, University Publishing House, pages 253-263 (2016)
- 28) „MODERN TECHNOLOGIES AND INNOVATION- SOURCE OF COMPETITIVE ADVANTAGE FOR TOURISM SMES” – Authors: Alexandru Tăbușcă – Romanian-American University, Cristina Laura Maniu – Romanian-American University, published in “Journal of Information Systems & Operations Management, Vol.11, No.1/2017 – May 2017” - BDI rated journal; ISSN 1843-4711, University Publishing House, pages 83-95 (2017)
- 29) „AUGMENTED REALITY – NEXT DIGITAL STEP FOR THE EUROPEAN INTEGRATED EMERGENCY SYSTEM” – Authors: Alexandru Tăbușcă – Romanian-American University, Gabriel Garais – Romanian-American University, published in “Research and Science Today, Supplement No.2/2017 – September 2017” – BDI rated journal; ISSN-e 2344-0007, pages 101-110 (2017)
- 30) „POSITIONING ISSUES AND SOLUTIONS FOR THE FUTURE ECALL EUROPEAN AUTOMOTIVE SAFETY SYSTEM” – Authors: Alexandru Tăbușcă – Romanian-American University, Gabriel Garais – Romanian-American University, published in “Research and Science Today, Supplement No.2/2017 – September 2017” – BDI rated journal; ISSN-e 2344-0007, pages 111-117 (2017)
- 31) „IOT AND THE RETAIL REVOLUTION – THE NEW WAVE” – Authors: Alexandru Tăbușcă – Romanian-American University, Gabriel Garais – Romanian-American University, Silvia-Maria Tăbușcă – Romanian-American University, published in “Supply Chain Journal – Vol.8/No.2, 2017” – BDI rated journal; ISSN 2284-6492, Valahia University Press, pages 1-7 (2017)
- 32) „MOBILE APPS AND GDPR ISSUES” – Authors: Alexandru Tăbușcă – Romanian-American University, Silvia-Maria Tăbușcă – Romanian-American University, Gabriel-Eugen Garais – Romanian-American University, Alexandru Enăceanu – Romanian-American University, published in “Journal of Information Systems & Operations Management, Vol.12, No.1/2018 – May 2018” - BDI rated journal; ISSN 1843-4711, University Publishing House, pages 77-88 (2018)
- 33) „IOT AND EU LAW” – Authors: Alexandru Tăbușcă – Romanian-American University, Silvia-Maria Tăbușcă – Romanian-American University, Gabriel-Eugen Garais – Romanian-American University, published in “Valahian Journal of Economic Studies, Vol.9 Issue.2 – November 2018” – BDI rated journal; ISSN 2344-4924, De Gruyter Publishing House, pages 25-32 (2018)



- 34) „IMPACT OF 5G TECHNOLOGIES IN GLOBAL ECONOMY. CYBERSECURITY AND LEGAL ISSUES” – Authors: Alexandru Tăbușcă – Romanian-American University, Silvia-Maria Tăbușcă – Romanian-American University, published in “Journal of Information Systems & Operations Management, Vol.13, No.2/2019 – December 2019” - BDI rated journal; ISSN 1843-4711, University Publishing House, pages 177-189 (2019)
- 35) „IOT AND THE FLYING ANSWER TO COVID-19” – Authors: Alexandru Tăbușcă – Romanian-American University, Gabriel-Eugen Garais – Romanian-American University, published in “Journal of Information Systems & Operations Management, Vol.14, No.1/2020 – May 2020” - BDI rated journal; ISSN 1843-4711, University Publishing House, pages 162-173 (2020)
- 36) „PRACTICAL CONSIDERATIONS FOR A SAFE E-LEARNING PROCESS” – Authors: Alexandru Tăbușcă – Romanian-American University, Cristina Coculescu – Romanian-American University, Mironela Pîrnău – Titu Maiorescu University, published in “Journal of Information Systems & Operations Management, Vol.14.2, No.2/2020 – December 2020” - BDI rated journal; ISSN 1843-4711, University Publishing House, pages 178-187 (2020)
- 37) „THE ONLINE FLYING EDUCATION: VIDEO-CONFERENCING AND DRONES” – Authors: Alexandru Tăbușcă – Romanian-American University, published in “Journal of Information Systems & Operations Management, Vol.15.1, No.1/2021 – Mai 2021” - BDI rated journal; ISSN 1843-4711, University Publishing House, pages 147-159 (2021)
- 38) „GENERAL CONSIDERATIONS REGARDING THE DEVELOPMENT OF GAMES USING UNITY TECHNOLOGY” – Authors: Alexandru Tăbușcă – Romanian-American University, Cristina Coculescu – Romanian-American University, Mironela Pîrnău – Titu Maiorescu University, published in “Journal of Information Systems & Operations Management, Vol.15.2, No.2/2021 – December 2021” - BDI rated journal; ISSN 1843-4711, Romanian-American University Publishing House, pages 267-283 (2021)
- 39) „BASIC CYBER DEFENCE EDUCATION FOR EVERYONE” – Authors: Alexandru Tăbușcă – Romanian-American University, Silvia-Maria Tăbușcă – Romanian-American University, published in “Journal of Information Systems & Operations Management”, Vol.16.1, No.1/2022 – May 2022” - BDI rated journal; ISSN 1843-4711, Romanian-American University Publishing House, pages 253-263 (2022)
- 40) „E-COMMERCE SALES REVENUES FORECASTING BY MEANS OF DYNAMICALLY DESIGNING, DEVELOPING AND VALIDATING A DIRECTED ACYCLIC GRAPH (DAG) NETWORK FOR DEEP LEARNING” – Authors: Dana-Mihaela Petroșanu, Alexandru Pîrjan, George Căruțașu, Alexandru Tăbușcă, Daniela-Lenuța Zirra, Alexandra Perju-Mitran, published in Electronics 11, <https://doi.org/10.3390/electronics11182940>, 16 of September 2022. Journal indexed in WoS, category „Computer Science, Information Systems”, WoS - Info-Economics, quartile Q2, ISSN 2079-9292, AIS 0,430 (2022)
- 41) „FLUTTER TECHNOLOGY AND MOBILE SOFTWARE APPLICATIONS” – Authors: Alexandru Tăbușcă – Romanian-American University, Cristina Coculescu – Romanian-American University, Mironela Pîrnău – Titu Maiorescu University, published in “Journal of Information Systems & Operations Management”, Vol.16.2, No.2/2022 – December 2022” - BDI rated journal; ISSN 1843-4711, Romanian-American University Publishing House, pages 250-262 (2022)



- 42) „CYBERSECURITY EDUCATION – THE NEW LITERACY” – Authors: Alexandru Tăbușcă – Romanian-American University, Gabriel Garais – Romanian-American University, Alexandru Enăceanu – Romanian-American University, published in “Journal of Information Systems & Operations Management”, Vol.16.2, No.2/2022 – December 2022” - BDI rated journal; ISSN 1843-4711, Romanian-American University Publishing House, pages 263-272 (2022)
- 43) “ARTIFICIAL INTELLIGENCE REGIONAL CROSS-BORDER E-COMMERCE SHOPPING GUIDE PLATFORM INFORMATION PERSONALIZED RECOMMENDATION ALGORITHM” – Authors: Yiran Li, Lei Tong, Lucia Croitoru, Alexandru Tabusca, published in “Proceedings of the 7th International Conference on Intelligent Information Processing (ICIIP '22)”, January 2023, Association for Computing Machinery, New York, NY, USA, pp 1–5. <https://doi.org/10.1145/3570236.3570248> (2023)
- 44) „INTERNET LITERACY – CYBERCRIME FUNDAMENTALS” – Authors: Alexandru Tăbușcă – Romanian-American University, Silvia-Maria Tăbușcă – Romanian-American University, published in “Journal of Information Systems & Operations Management”, Vol.17.1, No.1/2023 – May 2023” - BDI rated journal; ISSN 1843-4711, Romanian-American University Publishing House, pages 249-265 (2023)
- 45) „ECONOMIC FACTORS CORRELATED WITH MARRIAGE AND DIVORCE RATES IN EUROPEAN UNION COUNTRIES” – Authors: Iuliana Botha – Bucharest University of Economic Studies, Mihai Alexandru Botezatu – Romanian-American University, Alexandru Tăbușcă – Romanian-American University, Alexandra Hosszu – Bucharest University, published in „Economic Computation and Economic Cybernetics Studies and Research” journal, issue 3/2023, volume 57 (September - https://ecocyb.ase.ro/nr2023_3/08_IulianaBotha_V2.pdf) – journal with WoS impact factor 0.899, AIS 0.134 (2023), category Economics, quartile Q3; ISSN 1842–3264, ASE Publishing House (2023)
- 46) „TRACING THE INFLUENCE OF LARGE LANGUAGE MODELS ACROSS THE MOST IMPACTFUL SCIENTIFIC WORKS” – Authors: Dana-Mihaela Petroșanu, Alexandru Pîrjan, Alexandru Tăbușcă, published in Electronics 12, <https://doi.org/10.3390/electronics12244957>, 10 of December 2023. Journal indexed in WoS, category „Computer Science, Information Systems”, Info-Economics, WoS - Info-Economics, quartile Q2, ISSN 2079-9292, AIS 0,430 (2023)
- 47) “CONTENT ANALYSIS USING SPECIFIC NATURAL LANGUAGE PROCESSING METHODS FOR BIG DATA” – Authors: Mironela Pîrnău, Alexandru Mihai Botezatu, Iustin Priescu, Alexandra Hosszu, Alexandru Tăbușcă, Cristina Coculescu, Ionica Oncioiu, published in Electronics 13 (3), <https://doi.org/10.3390/electronics13030584>, 31 of January 2024. Journal indexed in WoS, category „Computer Science, Information Systems”, Info-Economics, WoS - Info-Economics, quartile Q2, ISSN 2079-9292, AIS 0,430 (2024).
- 48) „THE INTEGRATION OF THE LATEST TECHNOLOGICAL ADVANCEMENTS IN AGRICULTURE. WHAT ARE THEIR EXACT APPLICATIONS AND HOW DO THEY WORK?” – Authors: Alexandru Tăbușcă – Romanian-American University, Ștefan Băicoianu – National College Mihai Viteazu, published in “Journal of Information Systems & Operations Management, Vol.18.1, No.1/2024 – May 2024” - BDI rated journal; ISSN 1843-4711, Romanian-American University Publishing House, pages 276-286 (2024)

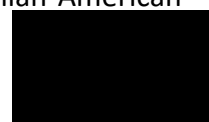


- 49) „BRINGING NLP TO JAVA CODING - CHATGPT CODE DEVELOPER” – Authors: Alexandru Tăbușcă – Romanian-American University, Andrei Luchici – Romanian-American University, Mihai-Alexandru Botezatu – Romanian-American University, published in “Journal of Information Systems & Operations Management, Vol.18.2, No.2/2024 – December 2024” - BDI rated journal; ISSN 1843-4711, Romanian-American University Publishing House, pages 215-228 (2024)
- 50) „GENERATING JAVA CODE WITH AI TOOLS. USAGE AND IMPLICATIONS” – Authors: Alexandru Tăbușcă – Romanian-American University, Andrei Luchici – Romanian-American University, Mihai-Alexandru Botezatu – Romanian-American University, Silvia Tăbușcă – Romanian-American University, published in “Journal of Information Systems & Operations Management, Vol.19.1, No.1/2025 – May 2025” - BDI rated journal; ISSN 1843-4711, Romanian-American University Publishing House, pages 306-328 (2025)



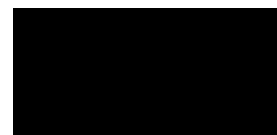
A. Research-development-innovation projects obtained through national competitions.

- 1) STRATEGIC PROJECT PP9, PNCDI-CERES, “MACROECONOMIC ANALYSIS AND DEVELOPMENT OF SECTORIAL SOCIO-ECONOMIC ANALYSIS AS BACKGROUND FOR THE NATIONAL DEVELOPMENT PLAN (PND) 2007-2013”, project coordinated by the Industry and Services Economics Center in cooperation with the National Scientific Research Institute for Labor and Social Protection and the Romanian-American University; period: 2003-2005; member of the project team.
- 2) INTEGRATED INFORMATIC SYSTEM FOR IDENTIFICATION, EVALUATION, PLANNING AND MANAGEMENT OF THE NATIONAL FUND OF MEDICINAL, AROMATIC AND TINCTORIAL PLANTS (SOURCES OF RAW MATERIALS FOR FOOD, PHARMACEUTICAL AND COSMETIC INDUSTRIES). Project responsible: PhD Professor Maria Moise. Project financed by the SECTORIAL PROGRAM, Contract No.11.6/2006; period: 2006-2008; partners: CO: SC IPA SA Bucharest, P1: University of Agricultural Sciences and Veterinary Medicine - Bucharest, P2: CNMP Bucharest, P3: Carol Davila University of Medicine and Pharmacy, P4: BIOTEHNOS SA Bucharest, P5: PLAFAR SA Bucharest, P6: Romanian-American University; member of the project team (Specialist Researcher).
- 3) FLEXIBLE SYSTEM FOR CUSTOM ACCESS OF SERVICES DEDICATED TO THE ELDER CITIZENS – WEBAGING. Project responsible: PhD Professor Maria Moise. Project financed by the PNCDI II PROGRAM, Contract No. 11013; period: 2007-2010; Partners: CO: National Informatics Research and Development Institute- Bucharest, P1: Romanian-American University, P2: Academy of Economic Studies, P3: SC IPA SA Bucharest; member of the project team.
- 4) COUNTY LEVEL INTEGRATED INFORMATIC SYSTEM BASED OF THE INTERCONNECTION OF THE PUBLIC INSTITUTIONS AND DEDICATED TO THE DELIVERY OF ELECTRONIC SERVICES TO THE CITIZENS AND THE BUSINESS ENVIRONMENT - SINTESEV. Project responsible: PhD Professor Maria Moise; project financed by CEEEX, subcontract 123.4/20.07.2006 for the CEEEX Contract no.123-CEEEX-II-03/20.07.2006; member of the project team (Web Technologies Programmer).
- 5) RESEARCH FOR CREATING A COMPLEX INTEGRATED SYSTEM FOR SCIENTIFIC RESEARCH RESULTS DISSEMINATION AT NATIONAL LEVEL IN ORDER TO SUPPORT AND PROMOTE THE EDUCATION REGARDING INTELLECTUAL COPYRIGHT. Project financed by the State Budget through the Ministry of Education, Research and Youth, STRATEGIC FIELDS PARTNERSHIPS Program. Project coordinator: Academy of Economic Studies, Partner: Romanian-American University (Partnership contract for project execution No.92-102.6/01.10.2008); period: 2008-2011; member of the project team.
- 6) RESEARCH AND DEVELOPMENT OF AN INTERACTIVE, MULTIDISCIPLINARY AND COMPLEX PLATFORM FOR IMPROVING THE MARKETING EDUCATIONAL SYSTEM THROUGH INTERCONNECTION OF THE ACADEMIC FIELD WITH THE BUSINESS ENVIRONMENT IN THE CONTEXT OF SUSTAINABLE DEVELOPMENT. Project financed by the State Budget through the Ministry of Education, Research and Youth, STRATEGIC FIELDS PARTNERSHIPS Program. Project coordinator: Academy of Economic Studies, Partner: Romanian-American University



(Partnership contract for project execution No.92-103.6/01.10.2008); period: 2008-2011; member of the project team.

- 7) "QUALITY LAW EDUCATION – A GREATER CHANCE FOR SOCIO-PROFESSIONAL INTEGRATION". Project financed by the Sectorial Operation Program for Human Resources Development 2007-2013, 1st Priority Axe "Education and professional development as support of the economic growth and the knowledge-based society", Major Field of Intervention 1.2 "Quality in Higher Education"; Contract No. POSDRU/18/1.2/G/30228; period 2010-2012. Project coordinator: Romanian-American University, Partners: Lucian Blaga University from Sibiu, Transilvania University from Brasov and Constantin Brâncuși University from Tg.Jiu; expert of the coordinator partner.
- 8) „NATIONAL STUDY FOR MONITORING THE LABOR MARKET INSERTION OF THE HIGHER EDUCATION GRADUATES". Project financed by the Sectorial Operation Program for Human Resources Development 2007-2013, 2nd Priority Axe "Correlation of lifelong learning with the labor market", Major Field of Intervention "Transition from school to active life"; Contract No. POSDRU/60/2.1/S/41750; period 2008-2011. Project coordinator: UEFISCDI, Partners: Kassel University, Germany and 54 universities from Romania; expert for data analysis.
- 9) „UNCERTAINTY, COMPLEXITY AND FINANCIAL STABILITY". Project financed through IDEI Program – 2011, Exploratory Research Projects (PCE); Contract No. PN-II-ID-PCE-2011-3-1054; period 2011-2014. Project coordinator: Hasan Iftekhhar – Romanian-American University; scientific researcher (post-doctoral researcher).
- 10) „RAPID INTEGRATION INTO THE LABOR MARKET OF STUDENTS SPECIALIZED IN EUROPEAN STUDIES AND INTERNATIONAL ECONOMIC RELATIONS BY CONDUCTING PRACTICAL TRAINING". Project financed by the Sectorial Operation Program for Human Resources Development 2007-2013, 2nd Priority Axe "Correlation of lifelong learning with the labor market", Major Field of Intervention "Transition from school to active life"; contract Nr. POSDRU/109/2.1/G/82463. Project coordinator: Romanian-American University; expert for employability monitoring.
- 11) "PRACTICAL SCHOOL: Innovation in Higher Education and Success on the Labor Market". Project financed by the Sectorial Operation Program for Human Resources Development 2007-2013, 1st Priority Axe "Education and professional development as support of the economic growth and the knowledge-based society", Major Field of Intervention 1.2 "Quality in Higher Education"; Contract No. POSDRU/156/1.2/G/132920; period 2014-2015. Project coordinator: Romanian-American University, Partners: Centrul de Resurse Juridice (CRJ); position: Project manager.
- 12) Research Contract R810/03.04.2017 – Internal Grant of 89900 lei, timeframe 6 month. Contracting authority: Romanian-American University. Position: Project Director.
- 13) „Better protection for our future! Advanced Cybersecurity". Project financed through the Human Capital Operational Program 2014-2020, Priority Axe 6 Education and competencies; project code POCU/626/6/13/133334; period November 2020 – August 2021. Project coordinator: SC Eurotesting Software Solutions SRL, partners: Romanian-American University, Mircea cel Bătrân Naval Academy; position: Project manager for the partner Romanian-American University.



- 14) "ASTRA 2025: Neuroimaging, Brain-Computer Interfaces and AI". Project funded by IEEE through Grant Agreement BAE487C1-CF71-499F-A3C9-4B7CA55621F8, from September 27 of 2024, project value 20.000 USD. Position: project coordinator.
- 15) „INOATIV 2030 - Internships and eco-innovation for the economy of the future". Project funded by the Education and Employment Program 2021-2027, Call Promoting the development of high-quality, flexible and labor market-related tertiary study programs – STUDENT INTERNSHIPS - Developed region, contract PEO/72/PEO_P7/OP4/ESO4.5/PEO_A49, SMIS 313156; timeframe 01.12.2024 – 30.11.2026, project value 4.930.466,00 lei. Project coordinator: Camera Consultantilor Fiscali (Chamber of Tax Consultants), partners: Romanian-American University; position: Responsible for Economic Informatics practice area.
- 16) „GREEN HORIZON 2030 – Internships in the economic field for a green future". Project funded by the Education and Employment Program 2021-2027, Call Promoting the development of high-quality, flexible and labor market-related tertiary study programs – STUDENT INTERNSHIPS - Less developed regions, contract PEO/71/PEO_P7/OP4/ESO4.5/PEO_A49, SMIS 313080; timeframe 01.01.2025 – 31.12.2026, project value 4.916.046,00 lei. Project coordinator: ROYAL AUDIT HOUSE SRL, partners: Romanian-American University; position: Responsible for Economic Informatics practice area.

B. Research-development-innovation projects obtained through international competitions.

- 1) „TRANSFER OF INNOVATION, MULTILATERAL PROJECTS – DIGI-GUIDANCE". Project financed through Leonardo da Vinci Program; contract No. 2013-1-RO1-LEO05-28768; period November 2013 – October 2015. Project coordinator: Danubius University – Galați (Romania); IT expert.
- 2) „Harmonised eCall European Pilot (HeERO)". Project financed through the ICT PSP Program of the European Commission; Period 2013 - 2014; Contract CIP-ICT-PSP-2012-6; Project coordinator: ERTICO ITS Europe, partners: Romanian-American University and other 43 institutions from other 14 countries. Position: specialist researcher.
- 3) "Skills Transfers in Academia: A Renewed Strategy Enhancing Legal Clinics in the European Union". Erasmus+ project 2017-1-LU01-KA203-023930; period 2017-2020. Project coordinator: University of Luxembourg (Luxembourg), Partners: University of Roma Tre (Italy), University of Brescia (Italy), Palacký University in Olomouc (Czech Republic), Romanian-American University (Romania); project manager and later IT responsible for the Romanian partner.
- 4) "Assessing impact and performance of preventive measures on EU Directives and Framework Decisions (PRE-RIGHTS)". DGJustice Project, Grant Agreement number 831616 JUST-AG-2018/JUST-JCOO-AG-2018; timeframe 2019-2021. Coordinator: INCE INIZIATIVA CENTRO EUROPEA (INCE - Italy), partners: CENTER FOR THE STUDY OF DEMOCRACY (CSD - Bulgaria), FONDAZIONE AGENFOR INTERNATIONAL (Agenfor - Italy), UNIVERSITA TA MALTA (UM - Malta), QUALITY JUST – IT SOLUTIONS AND CONSULTING LDA (IPS - Portugal), BREMEN SENATE OF JUSTICE AND CONSTITUTION (BREMEN MoJ - Germany), KENTRO MELETON ASFALEIAS (KEMEA - Greece), Romanian-American University (RAU - Romania); project manager of the Romanian partner.



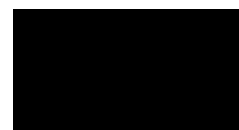
- 5) “Empowering schools in self-regulation of Media and Information Literacy processes” (EMILE). Project from European Media and Information Fund / Calouste Gulbenkian Foundation, EMIF Grant Agreement 268071; timeframe 2023-2024 (01.01.2023 – 30.06.2024). Coordinator: Universita Degli Studi di Firenze (UniFi - Italy), partners: Tampere University (Finland), Anastasis Social Cooperative (Italy), Romanian-American University (Romania); project manager for the Romanian partner.
- 6) „Addressing Disparities in Reading and Writing Acquisition through Personalising Technologies: A Cognitive and Societal Perspective” (READy). Project co-financed by the European Union, project number 2024-1-IT02-KA220-SCH-000250672; timeframe 01.10.2024 – 30.09.2027. Coordinator: Universita Degli Studi di Firenze (UniFi – Italy), partners: Iscte Conhecimento e Inovação - Centro de Valorização e Transferência de Tecnologias Associação (ISCTE - Portugal), Universidad de Sevilla (US – Spain), Universitatea Româno-Americană (URA – Romania), Istituto Comprensivo Gandhi (ICG – Italy), Agrupamento de Escolas Alto do Lumiar (AEAL – Portugal), Pixel Associazione Culturale (PAC – Italy), Școala Primară EuroED (EED - Romania), Unión Sindical de Inspectores de Educación (USIE – Spain); member of the RAU Romanian partner coordination team.

C) Scientific conferences, national & international.

- 1) Member of the Organizing Committee of the National Conference “Structural and Cohesion Funds as Premise of Business Environment Development” – 4th edition, conference organized with ANCS financing, 14th of May 2009
- 2) Member of the Organizing Committee of the national conference with international participation “Legal Contemporary Institutions within the Context of Romania’s EU Integration” – 6th edition, conference organized with ANCS financing, 16th-17th of November 2012
- 3) Member of the Scientific Committee and participant in the international conference “Management, Leadership and Innovation Towards a Better Changing World” – 1st edition, conference organized with ANCS financing, 8-9 November 2013.
- 4) Participant in the international conference “Management, Leadership and Innovation towards a Better Changing World” – 2014 edition, conference organized with ANCS financing, 5th-6th of November 2014.
- 5) Member of the Organizing Committee, and participant with presentation, of the conference “E-Society 2014 - Knowledge and Innovation!” – 2014 edition, conference organized with ANCS financing, 13th-14th of November 2014.
- 6) Participant in the international conference “National Strategies Observer – NOS 2015” – edition of 2015, conference organized by the Romanian Academy (Institute of World Economy and National Institute of Economic Research Costin C. Kirițescu) in Oxford (United Kingdom) – September 9 -10, 2015.
- 7) Participant in the international conference “Management, Leadership and Innovation towards a Better Changing World” – 2015 edition, conference organized with ANCS financing, 5th-6th of November 2015.



- 8) Member of the Organizing Committee, and participant with presentation, of the conference “E-Society 2015 - Knowledge and Innovation!” – 2015 edition, conference organized with ANCS financing, 12th-13th of November 2015.
- 9) Member of the Organizing Committee, and participant with presentation, of the conference “E-Society 2016 - Knowledge and Innovation!” – 2016 edition, conference organized on 3rd-4th of November 2016.
- 10) Participant in the international conference “Management, Leadership and Innovation towards a Better Changing World” – 2016 edition, conference organized on 10th-11th of November 2016.
- 11) Participant in the international conference “Management and Innovative Technologies” – 2017 edition, conference organized on 3-5 of September 2017 by the University of Ljubljana, University of Brighton and Politehnica University of Bucharest, in Sinaia, Romania.
- 12) Participant in the international conference “Supply Management for Efficient Consumer Response” – 2017 edition, conference organized on 19-21 of October 2017 by the Valahia University of Târgoviște (School of Economic Sciences), in Târgoviște, Romania.
- 13) Participant in the international conference “Management, Leadership and Innovation Towards a Better Changing World” – 2017 edition, conference organized on 2-3 of November 2017 by the Romanian-American University (School of Domestic and International Economy of Tourism), Varna University of Management, IATA Eastern Europe and Romanian Airport Services, in Bucharest, Romania.
- 14) Member of the Organizing Committee and participant in the International Conference “Skills Transfers in Academia: A Renewed Strategy Enhancing Legal Clinics in the European Union” – conference organized on November 24, 2017 by the Romanian-American University (Center for Human Rights and Migration), in cooperation with University of Luxembourg (Luxembourg), Placky University in Olomouc (Czech Republic), University of Roma Tre (Italy) and University of Brescia (Italy), in Bucharest, Romania.
- 15) Member of the Organizing Committee and participant, with two paper presentations, at the International Conference “e-Society 2018 - Knowledge and Innovation: The Digital Age” – 2018 edition, organized during April 26-27, 2018, in Bucharest, Romania.
- 16) President of the Organizing Committee and participant at the international conference “Digital Transformation Forum. Governance x Watchdogs”, organized in Bucharest, on May 3-4 of 2018, by the US State Department, Digital Communication Network (DCN), Romanian-American University and World Learning, with the support of the US Embassy in Bucharest.
- 17) Participant in the online international conference “Debating Security Plus (DS+)” – international conference organized on June 19-20 of 2018, by the Friends of Europe (friendsofeurope.org) and Civocracy.
- 18) Participant in the online international conference “Pushing the Grid Edge: Turn the challenges of a changing energy landscape into business potential” – international conference organized on October 31 of 2018, by the IIoT World (<https://iiot-world.com>).
- 19) President of the organizing committee, from the Romanian-American University partner, for the international scientific conference “BSides Bucharest Security Conference” – international



conference organized on November 23 of 2018, in cooperation with the worldwide Security BSides community.

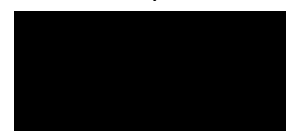
- 20) Member of the Organizing Committee and participant, with one paper presentation, at the International Conference “e-Society 2019 - Knowledge and Innovation: The Digital Age” – 2019 edition, organized during October 23 of 2019, in Bucharest, Romania.
- 21) Co-President of the Organizing Committee and participant, with two presented papers, at the International Conference “e-Society 2020 - Knowledge and Innovation: The Online Era” – 2020 edition, organized during November 06, 2020, in Bucharest, Romania.
- 22) Member of the Organizing Committee and moderator at the International Conference “Reshaping Education Through Innovation and Technology” – 2021 edition, organized during May 14-15 of 2021, in Bucharest, Romania.
- 23) Member of the Organizing Committee of the 6th International Conference on “Intelligent Information Processing” – 2021 edition, organized during July 29-31 of 2021, in Bucharest, Romania.
- 24) Member of the Organizing Committee and Moderator of the 4th edition of the International Regional Conference “IP in the Digital Economy for Small and Medium-sized Enterprises (SMEs): Mastering the Game (3.0) on Business and Legal Issues for Video Game Industry Players” – 2021 edition, organized during September 6-7 of 2021, in hybrid format Bucharest/Geneva, under the patronage of the World Intellectual Property Organization (WIPO), in cooperation by the Romanian Copyright Office (ORDA), the Romanian Patent Office (OSIM) and the Romanian-American University.
- 25) Member of the Organizing Committee and Moderator of the International Conference “Avatars and Future Society”, with special-guest roboticist Hiroshi Ishiguro (Osaka University, Japan) - organized on September 7 of 2021, by the Embassy of Japan, the Romanian-Japanese Studies Center and the Romanian-American University.
- 26) Co-President of the Organizing Committee and participant, with scientific paper presented, at the International Conference “Applied Informatics in Economy and Information Technology: e-Society 2021 - Knowledge and Innovation in the Online Era” – 2021 edition, organized during November 26, 2021, in Bucharest, Romania.
- 27) Member of the Organizing Committee of the International Conference “RAU Science Talks #1 – December 2021” – organized on December 9, 2021, in Bucharest, Romania.
- 28) Member of the Scientific Committee of the national competition „H3 – Healthcare in Hospitals Hackathon” (<https://www.hackathons.ro/comitet-stiintific-h3/>) – organized during June 17 – 19, 2022
- 29) Keynote Speaker, participant with presented paper, and member of the Organizing Committee, at the International Conference “Cyber Forensics: Theories and Practices” – organized during June 28, 2020, in Bucharest, Romania, by the Romanian Forensics Scientists Association, CyBureau – Institute for Cyber Policy Studies (Israel), Romanian-American University, Titu Maiorescu University, National Press Agency Agerpress (Romania).
(<https://www.asociatiacriminalistilor.ro/wp-content/uploads/2022/06/121-din-14062022-PROGRAM-CONFERINTA-CYBERCRIME-iunie-2022-RO-2206202.pdf>)



- 30) Member of the Organizing Committee and moderator at the international conference “Reshaping Education Through Innovation and Technology” – 2022 edition, organized during September 23-24 in Bucharest, Romania, by the Romanian-American University in partnership with Babeş-Bolyai University from Cluj-Napoca, Nagaoka University from Japan and the Japanese Embassy in Romania.
- 31) Co-President of the Local Organization Committee and moderator at the “International Conference on Intelligent Information Processing – ICIIP” – 2022 edition, conference organized during September 29 – 30, in Bucharest (Romania), by the Center for Mountain Economics of the Romania Academy, the “Victor Slăvescu” Center for Financial and Monetary Research of the Romanian Academy and the International Engineering and Technology Institute.
- 32) Scientific President of the Organizing Committee and participant, with scientific paper presented, at the International Conference “Applied Informatics in Economy and Information Technology: e-Society 2022 - Knowledge and Innovation. Effects of the Online Era” – 2022 edition, organized during November 25, 2022, in Bucharest, Romania.
- 33) Scientific President of the Organizing Committee for the International Conference “Applied Informatics in Economy and Information Technology: e-Society 2023 - Knowledge and Innovation. RevolutionAI” – 2023 edition, organized during November 24-25, 2023, in Bucharest, Romania.
- 34) Co-President of the Scientific and Organizational Committee for the international conference „International Conference on Teaching Programming Languages – ICTPL 2024”, organized on April 5, 2024, in partnership: Instituto Politecnico de Braganca (Portugal), Warsaw School of Computer Science (Poland), Budapest University of Technology and Economics (Hungary), Eotvos Lorand University (Hungary), Romanian-American University (Romania).
- 35) Member of the International Scientific Committee of “The International Conference on Cybersecurity and Cybercrime – IC3”, organized in November 20-21, 2024, within the CyberCon Romania 2024 event by the Romanian Association for Information Security Assurance (RAISA), with the support of the US Embassy in Romania.
- 36) Scientific President of the Organizing Committee for the International Conference “Applied Informatics in Economy and Information Technology: e-Society 2024 – AI & Data” – 2024 edition, organized during November 29-30, 2024, in Bucharest, Romania.

D) Published theoretical models.

- 1) Experimental Model “Descriptors Creation for the National Fund of Medicinal, Aromatic and Tinctorial Plants” – 2nd stage, Sectorial Project contract No. 11.6/2006, published in May 2007 (member of the development team)
- 2) Functional Model “Technical Specifications and Project of the Pilot System” – 3rd stage, CEEX Project contract No. 123.3/2006, published in September 2007 (member of the development team)
- 3) Experimental Model “Database Development and Software Applications” – 5th stage, CEEX Project contract No. 123.3/2006, published in April 2008 (member of the development team)



E) Products

- 1) "Informatics System Project – data collecting and processing, including field work, regarding the national fund of medicinal, aromatic and tinctorial plants" – 3rd stage, Sectorial Project contract No. 11.6/2006, published in May 2007 (member of the development team)

F) Editorial activity

- 1) Member of the Editorial Board of the "Journal of Information Systems & Operational Management" journal – ISSN: 1843-4711, website <http://jisom.rau.ro>, internationally indexed in RePEC, Ebsco, ProQuest. Position held between: December 2011 – September 2019.
- 2) Editor-in-Chief of the "Journal of Information Systems & Operational Management" journal – ISSN: 1843-4711, website <http://jisom.rau.ro>, internationally indexed in RePEC, Ebsco, ProQuest. Position held between: October 2019 – active position.
- 3) Member of the Editorial Board of the journal "Revista de Informatică Aplicată în Management" - ISSN: 2068 - 0082, January 2019 – active position.
- 4) Scientific reviewer for the journal "Research & Education (REd)", ISSN: 2559-2033. May 2023 – current position.
- 5) Scientific reviewer for the journal "Engineering Applications of Artificial Intelligence", ISSN: 1873-6769. October 2023 – current position.
- 6) Scientific reviewer for the journal "Ecological Economics", ISSN: 1873-6106. August 2024 – current position.
- 7) Scientific reviewer for the journal "Electronics", ISSN: 2079-9292. September 2024 – current position.
- 8) Scientific reviewer for the journal "Sensors", ISSN: 1424-8220. September 2024 – current position.
- 9) Scientific reviewer for the journal "WSEAS Transactions on Systems", ISSN: 2224-2678. September 2024 – current position.
- 10) Scientific reviewer for the journal "Journal of Cybersecurity and Privacy", ISSN: 2624-800X. October 2024 – current position.
- 11) Scientific reviewer for the journal "Journal of Scientific Research and Reports", ISSN: 2320-0227. October 2024 – current position.
- 12) Scientific reviewer for the journal "International Journal of Artificial Intelligence", ISSN: 2252-8938. December 2024 – current position.
- 13) Scientific reviewer for the journal "PeerJ Computer Science", ISSN: 2376-5992. December 2024 – current position.
- 14) Scientific reviewer for the journal "AI", Online ISSN: 1873-6769, ISSN: 2673-2688. March 2025 – current position.
- 15) Scientific reviewer for the journal "Applied Sciences", Online ISSN: 2076-3417. April 2025 – current position.



- 16) Scientific reviewer for the journal "Computers", Online ISSN: 2073-431X. February 2025 – current position.
- 17) Scientific reviewer for the journal "Qeios", Online ISSN: 2632-3834. March 2025 – current position.
- 18) Scientific reviewer for the journal "Processes", Online ISSN: 2227-9717. April 2025 – current position.
- 19) Scientific reviewer for the journal "Symmetry", Online ISSN: 2073-8994. June 2025 – current position.

