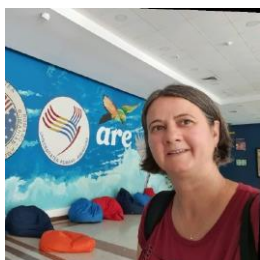


PERSONAL INFORMATION



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

 [REDACTED]

 daniela.alexandra.crisan@rau.ro

Sex Female | Nationality Romanian

WORK EXPERIENCE

Occupation or position held

Associate professor, Romanian-American University, (Higher education institution)
(Mar. 2007 - present day)

General Manager of the JIOM Journal (<http://jisom.rau.ro/>), indexed BDI

Member of the Computer Science for Business Management Faculty's Council
(1997-present)

Member of Quality Assurance Commission of the RA University
(2012-present)

Scientific secretary of Computer Science for Business Management Faculty
(2004 – 2016)

Main activities Teaching, coordination of Bachelor's Degree for licence degree and master studies, research activities, research activity coordination

EDUCATION AND TRAINING

2005 **PhD in Automatic Control and Computer Science**, awarded by the “Politehnica”
University of Bucharest, Faculty of Automatic Control and Computer Science
Thesis: Image processing using fractal techniques
Doctoral school period: 2001-2005 (6 years)

1999 **Master degree in “Stochastic Processes and Mathematical Statistics”**, awarded by the
University of Bucharest, Faculty of Mathematics

1997 **Bachelor degree in Mathematics, Specialisation in IT**, awarded by the **University of Bucharest, Faculty of Mathematics**
Period: 1993 – 1997 (5 years)

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
<i>Proficient user - C1 (overall score, BULATS testing) certificated by the International House Bucharest, 08.07.2016</i>					
French	B2	B2	B2	B2	B2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

Driving licence B category

SCIENTIFIC ACTIVITY

Research projects Member in research teams of 13 research projects:
- 2 financed through the FP7 framework,
- 9 grants through national research programmes, and
- 2 contracts with social and business environment;

Expert in 3 projects under the Human Resources Development Operational Programme framework

Books Author or Co-author in 11 didactic books (seven of them single author);

Articles Over 60 scientific papers published in national and international volumes, the most recent of them are ISI-Proceedings or indexed in international databases such as IEEE Xplore Digital Library, INSPEC, RePEc, DOAJ, ULRICHSWEB and others.

PROFESSIONAL PRESTIGE

Editor of scientific publication **Managing Editor of the JOURNAL OF INFORMATION SYSTEMS & OPERATIONS MANAGEMENT** (<http://jisom.rau.ro/>), ISSN 1843-4711, indexed in international databases (ProQuest, EBSCO, RePEc, Copernicus), published twice a year. Also, responsible with the website maintenance.

Editor of the “Journal of Computer Sciences Applied in Management” (<https://web.rau.ro/websites/riam/>), dedicated to the dissemination of the research of master students of the Faculty of Computer Science for Business Management, published annually.

Organizing international events **Organizer of the Hackathon RAU DEVHACK** (<http://devhack.rau.ro/>), a competition in ITC domain. Responsible with the **RAU Coder** programming contest for high-school students, organized yearly..

Scientific representative **Scientific representative of the Romanian partner of “Elements of AI”** international project, in cooperation with University of Helsinki (<https://www.elementsofai.com/>)

ANNEXES

- - List of publications organized in:
 - (a) PHD THESIS (T)
 - (b) BOOKS AND CHAPTERS IN BOOKS (Ca)
 - (c) ARTICLES PUBLISHED IN SPECIALIZED MAGAZINES (R)
 - (d) STUDIES PRESENTED AND PUBLISHED IN SCIENTIFIC EVENTS
 - (d1) STUDIES PRESENTED AND PUBLISHED IN INTERNATIONAL EVENTS (Vi)
 - (d2) STUDIES PRESENTED AND PUBLISHED IN NATIONAL EVENTS (Vn)
 - (f) R-D PROJECTS UNDER CONTRACT / GRANT
 - (f1) INTERNATIONAL CONTRACTS / GRANTS (Pf 1)
 - (f2) NATIONAL CONTRACTS / GRANTS (Pf)
 - (f3) CONTRACTS WITH SOCIAL AND BUSINESS ENVIRONMENT (C)

16.07.2025



UNIVERSITATEA ROMÂNNO-AMERICANĂ
Facultatea de Informatica Manageriala
Departamentul de Informatica, Statistica, Matematica
Conf. univ. dr. Crisan Daniela Alexandra

L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

A1. „*Prelucrarea imaginilor utilizând tehnici fractale*”, 2005, Conducător științific: prof. univ. dr. ing. Radu Dobrescu, teza susținută în cadrul **Facultății De Automatică și Calculatoare a Universității Politehnica București**.

Stagiu doctoral: 2001-2005 (6 ani)

Extrase din teză au fost publicate sub formă de articole, comunicări științifice, cărți, iar rezultate obținute pe parcurs s-au materializat în contracte de cercetare.

B. Cărți si capitole în cărți publicate în ultimii 10 ani

- Ca 1.** **Crișan D.A.**, „*Programarea Aplicațiilor folosind Limbajul C# si Platforma .Net. Volumul II. Programarea Orientata Obiect*”, Ed. ProUniversitaria, București, 150 pg., ISBN (gen) 978-606-26-0452-3, (vol II) 978-606-26-0717-3, 2017;
- Ca 2.** **Crișan D.A.**, „*Programarea Aplicațiilor folosind Limbajul C# si Platforma .Net. Volumul I. Limbajul C#*”, Ed. ProUniversitaria, București, 200 pg., ISBN (gen) 978-606-26-0452-3, (vol I) 978-606-26-0453-0, 2015;
- Ca 3.** **Crisan D.A.**, ALTAR SAMUEL A.N., „*Considerations on Computing the Fractal Dimension of Financial Time Series*”, The Macrotheme Review - A multidisciplinary journal of global macro trends, vol 5(issue 4), Winter 2016, pp. 29-35, ISSN 2379-9765 (print), E-ISSN 1848-4735, published Austin, TX78701, United States, August 30, 2016

C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

- C1.** **Crișan D. A.**, Stanica J.L., „*Exploring the Link Between Innovation and ICT Readiness. A Comparative Analysis of Estonia and Romania*”, Journal of Information Systems and Operations Management (JISOM), Vol 19 No 1 - Mai 2025, pp.77-94, Ed. Universitatii Romano-Americane, indexed in: **Index Copernicus, Repec, Ebsco**, ISSN 1843-4711, 2025;
- C2.** **Crișan D. A.**, Stănică J.L., „*Analysis of the Correlation Between Innovation and ICT Readiness for the EU-27 Member States*”, Journal of Information Systems and Operations Management (JISOM), Vol 16 No 2 - 2022, pp.35-45, Ed. Universitatii Romano-Americane, indexed in: **Index Copernicus, Repec, Ebsco**, ISSN 1843-4711, 2022;

- C3.** Crișan D. A., Stănică J.L., "Elements of AI - Broadening the Perception on Artificial Intelligence", Journal of Information Systems and Operations Management (JISOM), Vol 15 No 2 - 2021, pp.86-95, Ed. Universitara, indexed in: **Index Copernicus, Repec, Ebsco**, ISSN 1843-4711, 2021;
- C4.** Crișan D. A., Stănică J.L., Altăr Samuel A.N., "Competitive Programming. An Analysis of the Performance in Romania", Journal of Information Systems and Operations Management (JISOM), Vol 14 No 1 - 2020, pp.43-59, Ed. Universitara, indexed in: **Index Copernicus, Repec, Ebsco**, ISSN 1843-4711, 2020;
- C5.** Preda A.M., Crișan D. A., Stănică J.L., Altăr Samuel A.N., "Innovation and ICT Development: An Analysis for the EU-28 Member States ", Journal of Information Systems and Operations Management (JISOM), Vol 13 No 2 - 2019, pp.154-163, Ed. Universitara, indexed in: **Index Copernicus, Repec, Ebsco**, ISSN 1843-4711, 2019
- C6.** Crișan D. A., Preda A.M., Stănică J.L., Altăr Samuel A.N., "Innovation performance analysis for European Union countries focused on modest innovators: Romania and Bulgaria", Journal of Information Systems and Operations Management (JISOM), Vol 12 No 1, 2018, pp.30-45, Ed. Universitara, indexed in: **Index Copernicus, Repec, Ebsco**, ISSN 1843-4711, 2018;
- C7.** Preda A.M., Crișan D. A., Stănică J.L., Altăr Samuel A.N., "Transectional Analysis between Innovation and ICT Readiness for the European Union Countries", Journal of Information Systems and Operations Management (JISOM), Vol 10 No 2, 2016, pp.393-403, Ed. Universitara, indexed in: **Index Copernicus, Repec** [<https://ideas.repec.org/a/rau/journal/v10y2016i2p393-403.html>], **Ebsco**, ISSN 1843-4711, 2016;
- C8.** Crișan D. A., Stănescu E. D., Usta A., "The relationship between IT&C and the economic development for the EU-28 Member States", Romanian Economic and Business Review (REBE), Vol 10 No 4, 2015 , pp.34-43, Ed. ProUniversitaria, indexed in: **Index Copernicus, RePEc** [<https://ideas.repec.org/a/rau/journal/v10y2015i4p34-43.html>], **EconPapers** [http://econpapers.repec.org/article/raujournal/v_3a10_3ay_3a2015_3ai_3a4_3ap_3a34-43.htm], ISSN 1842 – 2497, 2015;
- C9.** Crișan D. A., Crișan M. C., Grigore O.T., Băluță R., "Classification tree for modelling the relationship between IT&C and the economic development for the EU-28 Member States", Romanian Economic and Business Review (REBE), Vol 10 No 4, 2015 , pp.22-33, Ed. ProUniversitaria, indexed in: **Index Copernicus, RePEc** [<https://ideas.repec.org/a/rau/journal/v10y2015i4p22-33.html>], **ProQuest** [<http://search.proquest.com/openview/eae599ad54707bf156748a6633711cb3/1?pq-origsite=gscholar&cbl=1216367>], **EconPapers** [http://econpapers.repec.org/article/raujournal/v_3a10_3ay_3a2015_3ai_3a4_3ap_3a22-33.htm], ISSN 1842 – 2497, 2015;
- C10.** Crișan D. A., "Data analyses of the connection between IT&C and the economic performance in European Union. Study case: Romania", Romanian Economic and Business Review (REBE), Vol 10 No 2, 2015 , pp. 130-139, Ed. ProUniversitaria, indexed in: **Index Copernicus, RePEc** [<https://ideas.repec.org/a/rau/journal/v10y2015i2p130-139.html>] **EconPapers** [http://econpapers.repec.org/article/raujournal/v_3a10_3ay_3a2015_3ai_3a2_3ap_3a130-139.htm], ISSN 1842 – 2497, 2015;
- C11.** Crișan D. A., "Financial volatility measurement using fractal dimension", Journal of Information Systems and Operations Management (JISOM), Vol 9 No 1, 2015 , pp., Ed. Universitara, indexed in: **Index Copernicus, RePEc** [<ftp://ftp.repec.org/opt/ReDIF/RePEc/rau/jisomg/SU15/JISOM-SU15-A9.pdf>] **Ebsco** [<http://web.b.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=18434711&AN=113415446&h=Uw7a7IZAznlnOYt8xIjpvYAtZNoIDFTCLnzKwrhYgtgkiSXU%2bKFXIL1DiKaTkLeawPz5O02kfcPT6ddrvQuMA%3d%3d&crl=c&resultNs=AdminWebAuth&resultLocal=ErrCrlNotAuth&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d18434711%26AN%3d113415446>], ISSN 1843-4711, 2015;

- C12.** Florea Al., **Crișan D. A.**, “Security enhance through Web Services”, Journal of Information Systems and Operations Management (JISOM), Vol 9 No 1, 2015, pp., Ed. Universitara, indexed in: **Index Copernicus, RePEc** [ftp://ftp.repec.org/opt/ReDIF/RePEc/rau/jisomg/SU15/JISOM-SU15-A20.pdf], ProQuest [http://search.proquest.com/openview/7a72405ae573751dd6cc14365e9f8d34/1?pq-origsite=gscholar&cbl=1216366], ebscohost [http://web.b.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=18434711&AN=113415457&h=zI9E90bCGEAc9Sdv09fy5tIYTeVu1ahKzIDNpkCqa%2bjohZtuZEGWvK%2fzJdh6Z5TxDPaK5raL1Wvuxf0JmKYmQ%3d%3d&crl=c&resultNs=AdminWebAuth&resultLocal=ErrCrlNotAuth&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d18434711%26AN%3d113415457], ISSN 1843-4711, 2015;
- C13.** **Crișan D. A.**, Simion G. F., Moraru P. E., “Run-time analysis for sorting algorithms”, Journal of Information Systems and Operations Management (JISOM), Vol 9 No 1, 2015, pp., Ed. Universitara, indexed in: **Index Copernicus, RePEc** [ftp://ftp.repec.org/opt/ReDIF/RePEc/rau/jisomg/SU15/JISOM-SU15-A14.pdf], ebscohost [http://web.a.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=18434711&AN=113415451&h=u%2boSJSizvpoyjsE25ziPtbyKl5Htezn8VKd%2fFinuheXLNXgxO4XV9pyy1pIzIUUUSRs1rD3NL9KKHG9YcTwg%3d%3d&crl=c&resultNs=AdminWebAuth&resultLocal=ErrCrlNotAuth&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d18434711%26AN%3d113415451], ISSN 1843-4711, 2015;

D. Lucrări publicate în ultimii 10 ani în reviste și volume de conferințe cu referenți (neindexate)

Crișan D. A., “Fractals and the volatility of a financial asset”, lucrare susținută la Conferința Internațională Applied Informatics in Economy and Information Technology „e-Society 2022- Knowledge and Innovation: Effects of the Online Era”, 25 Nov 2022

Crișan D. A., Stănică J.L., “Analysis Of The Correlation Between Innovation And Ict Readiness For The Eu-27 Member States”, lucrare susținută la Conferința Internațională Applied Informatics in Economy and Information Technology „e-Society 2022- Knowledge and Innovation: Effects of the Online Era”, 25 Nov 2022

Crișan D. A., Stănică J.L., “European Union Strategies for Boosting Artificial Intelligence”, lucrare susținută la Conferința Internațională Applied Informatics in Economy and Information Technology „e-Society 2021- Knowledge and Innovation: The Online Era”, 26 Nov 2021

Crișan D. A., “Overview on the Fractal Features of Cryptocurrencies”, lucrare susținută la Conferința Internațională Applied Informatics in Economy and Information Technology „e-Society 2021- Knowledge and Innovation: The Online Era”, 26 Nov 2021

Crișan D. A., Stănică J.L., “A European Approach to Artificial Intelligence. The Finnish Initiative”, lucrare susținută la Conferința Internațională Applied Informatics in Economy and Information Technology „e-Society 2020- Knowledge and Innovation: The Online Era”, 06 Nov 2020

Preda A.M., **Crișan D. A.**, Stănică J.L., Altăr Samuel A.N., “Innovation and ICT Development: An Analysis for the EU-28 Member States”, lucrare susținută la Conferința Internațională Applied Informatics in Economy and Information Technology „e-Society 2019- Knowledge and Innovation: The Digital Age”, 23 Oct 2019

Crișan D. A., Preda A.M., Stănică J.L., Altăr Samuel A.N., “Innovation performance analysis for European Union countries focused on modest innovators: Romania and Bulgaria”, lucrare susținută la Conferința Internațională Applied Informatics in Economy and Information Technology „e-Society 2018- Knowledge and Innovation: The Digital Age”, 26-27 Aprilie 2018

Crisan D.A., ALTAR SAMUEL A.N., *"Considerations on Computing the Fractal Dimension of Financial Time Series"*, The 5th Business and Social Science Research Conference (BSSRC), Dubrovnik, Croatia, July 30-31, 2016;

Preda A.M., **Crisan D. A.**, Stănică J.L., Altăr Samuel A.N., *"Transectional Analysis between Innovation and ICT Readiness for the European Union Countries"*, Conferinta E-Society, 2016;

Crisan D. A., *"Data analyses of the connection between IT&C and the economic performance in European Union. Study case: Romania"*, Conferinta E-Society, 2015;

E. Brevete acordate în întreaga activitate

F. Proiecte de cercetare-dezvoltare-inovare obținute prin competiție, naționale (Pn1, Pn2 etc.) și/sau internaționale (Pi1, Pi2 etc.)

Pf 1. *"Să ne protejăm mai bine viitorul! Cybersecurity avansat"*, POCU/626/6/13/133334 (Fondul European Structural și de Investiții prin Programul Operațional Capital Uman 2014-2020) , perioada derulare: 05.11.2020-04.09.2022, expert (<http://practica-cybersecurity.rau.ro/>)

Pf 2. **CEF Transports / INEF / sAFE Action No: 2018-EU-TM-0079-S** / valoare URA 85 000 EUR / 2019-2020 / membru cercetător (<https://ec.europa.eu/inea/en/connecting-europe-facility/cef-transport/2018-eu-tm-0079-s>)

Pf 3. *"Școala practică: inovare în învățământul superior și succes pe piața muncii"*, POSDRU/156/1.2/G/132920, perioada derulare: 2014-2015, expert (<https://scoalapractica.rau.ro/>)

Pf 4. *"Student azi! Profesionist maine! - Îmbunătățirea procesului de inserție pe piața muncii a studenților din domeniile tehnic/economic/medical veterinar (IMPULS)"*, POSDRU/160/2.1./S/139928, perioada derulare: 2014-2015, expert;

Pf 5. *"Un student consiliat și orientat profesional, un tânăr pregătit pentru piața muncii - CONPROF"*, POSDRU/161/2.1/G/137369, perioada derulare: 2014-2015, expert.

Pf 6. *"Future Policy Modeling (FUPOL)"*, proiect european derulat prin cadrul de finanțare FP-7, Nr. 287119, perioada de derulare 2011–2015, membru cercetător (<https://cordis.europa.eu/project/id/287119>);

Data,

15.07.2025

Semnătura.

