



Dragos-Paul Pop

Date of birth: [REDACTED] | **Nationality:** Romanian | **Gender:** Male | **Phone number:**

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Address: [REDACTED]

WORK EXPERIENCE

VERDE SMART DATA

IT PROJECT MANAGER – 01/08/2020 – CURRENT

Coordination of the team for the development of web applications, mobile web and RPA;
Business analysis, systems design, database design, security design, backend and frontend development, ui/ux design, testing, devops, sysops
Maintenance of software applications and databases;
User assistance for software projects developed.

Notable projects:

- Web app for GIS representation with custom maps, layers, objects, information and access rights;
- ANAF download automation tools: an RPA project and a web scraper for automatic download of budget executions every quarter.
- UBER invoice automation tool: an RPA project for downloading all UBER invoices from a certain period and a web project for processing data from those invoices and generating xlsx reports used in the company's accounting department.
- TUD Shop: a native mobile app for managing shopping lists with real-time functionality.
- TUD's Analytics: a web application for the banking sector that processes the budget execution of all local public authorities in Romania, quarterly, and generates a set of information based on the official budget classification, plus a set of financial indicators; the data is used to generate dynamic reports in xlsx format;
- Multiple single case web apps used for data collection, report generation and job automation.

ROMANIAN-AMERICAN UNIVERSITY

LECTURER – 01/10/2022 – CURRENT

Teaching Mobile Apps Development to masters students and advanced web development to bachelor students at the Faculty of Computer Science for Business.

VERDE SMART DATA

FULLSTACK WEB DEVELOPER – 01/02/2018 – 31/07/2020

Design, development and implementation of web and mobile web applications:

- Various applications for monitoring and collecting information, photos and text about the condition of buildings, parking lots and elevators in Bucharest and other cities around Romania: <https://share.verdedata.ro>
- 2 web platforms for registration in 2 European funding projects: <https://ses.asociatieeuropas.ro/#/> and <https://iss.verdedata.ro/>;
- An application for generating large-size screenshots (A3, A2, A1, A0) from Google Maps.
- Maintenance of software applications, servers and databases;
- User assistance for software projects developed;
- Multiple single case web apps used for data collection, report generation and job automation.



WEB DEVELOPER - FREELANCER – 05/2006 – CURRENT

Notable projects:

- Real-time web application for budget transparency (public sector): <https://buget.verdedata.ro/#/59affd411fcb541e9f9e4511>
- Real-time web and mobile web application for efficient information gathering regarding necessary repairs to public education units: <https://verdeshare.investitiilocale.ro/#/>
- Facebook application for Rompetrol; the application allows users to choose a "plan for the new year" and share it with friends

- Web application for managing employees of the company Bunge Romania; the application is used by the HR department to manage employees and their training plans
- Web-based financial management application for TUD Business Consulting; the application allows client municipalities to manage loan contracts, generate financial forecasts, and reports for the Ministry of Finance: <https://www.verdedata.ro/>
- Web application for transparency of thermal rehabilitation programs for TUD Business Consulting; client municipalities use the application to display on Google Maps the status of thermal rehabilitation projects: <https://www.reabilitaretermica.eu/>
- Web application for gathering information about apartment buildings for TUD Business Consulting; the application is used on the field by mobile phone to gather information about apartment buildings; the data collected is sent to an administrator; the application uses Google Maps and Pusher to synchronize data between user and administrator: <https://photos.verdedata.ro/login>
- Web application for managing administrative-territorial unit boundaries on Google Maps: <https://granite.dragos.club/>

POP DRAGOS-PAUL PFA

ADMINISTRATOR – 13/10/2017 – CURRENT

Custom software design, development, and maintenance.

ITCUBE

ADMINISTRARE – 2007 – 2012

Custom software design, development, and maintenance.

FUNDATIA ESTUAR

EXPERT IT – 2011 – 2012

Development of the company's website.

Development and maintenance of a job portal website for people with disabilities.

Several social projects.

JOURNAL OF INFORMATION SYSTEMS AND OPERATIONS MANAGEMENT

SENIOR TEXT PROCESSING – 09/2008 – 09/2015

IDEA SPOT

MANAGING PARTNER – 2014 – 09/2016

Notable projects:

- Development of an application for Facebook; the application was used by a public figure (Andreea Marin) for an awareness campaign (for the "Caravana pretuieste viata" campaign)
- Development of an ERP & CRM type application for a local company
- Development of a web portal for a local tourism agency
- Management of multiple websites and applications for local clients.

UNIVERSITATEA ROMANO-AMERICANA

DIRECTOR CENTRUL DE IT&C – 05/2014 – 12/2015

Workshops and classes:

- Web development
- Java programming
- SQL
- Basics of programming

UNIVERSITATEA ROMANO-AMERICANA

ASISTENT UNIVERSITAR – 01/10/2007 – 30/09/2015

Classes:

- Web development
- Advanced web development
- Oracle Database SQL
- Advanced programming with Java
- Computer architecture and operating systems
- Animation and multimedia with Flash

■ IT Basics - Microsoft Office

● EDUCATION AND TRAINING

01/10/2007 – 01/03/2009 Bucharest, Romania

MASTER IN COMPUTER SCIENCE FOR BUSINESS Romanian-American University

01/10/2003 – 01/08/2007 Bucharest, Romania

BACHELOR IN COMPUTER SCIENCE FOR BUSINESS Romanian-American University

01/03/2008 – 22/06/2008 Bucharest, Romania

TEACHING CERTIFICATE Technical University for Constructions

01/10/2005 – 01/02/2006 Bucharest, Romania

CISCO CCNA 1 C.A.T.C.

01/05/2006 – 01/10/2006 Bucharest, Romania

CISCO CCNA 2, CISCO CCNA 3 Training IT

● LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
FRENCH	B1	B1	B1	B1	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● SKILLS

Node.js | Vue.js | php | Laravel | Express.js | MySQL | NoSQL | MongoDB | Feathers.js | Vuetify | jQuery | Java | Microsoft Office | git | Linux | HTML | CSS | JavaScript | Firebase | Google Maps API | PWA | SPA | SQL | OOP | Functional programming | Project Management | DevOps | SysOps | Database Design | JSON | Microservices | REST | Postman | AJAX | MVC | Regular Expressions | Ubuntu | Bitbucket | JWT | MariaDB | nginx | JIRA | react native | expo | react | flutter | nextjs | postgres | docker

● PUBLICATIONS

Research articles

- Liviu-Dragos Enache, Dragos-Paul Pop, "Gamifying Education", Proceedings of the 12th International Scientific Conference "eLearning and Software for Education", Bucharest, April 21-22, 2016, Vol. 1, pp. 523-528
- Dragos-Paul Pop, Edward Cristi Butoiu, "An Analysis Of Rdbms, Oop And Nosql Concepts", Journal of Information Systems & Operations Management v9 n.1, Mai 2015, pp. 177-188, ISSN 1843-4711, CNCSIS C, BDI: RePEC
- Dragos-Paul Pop, Serban Radu Cristian Herlea, "Case Study: Recruiting Opportunities For Web Developers On The Current Labor Market", Journal of Information Systems & Operations Management v9 n.1, Mai 2015, pp. 168-176, ISSN 1843-4711, CNCSIS C, BDI: RePEC
- Adam Altăr-Samuel, Dragoș-Paul Pop, "A Semantic E-Learning Platform", Journal of Information Systems & Operations Management v9 n.1, Mai 2015, pp. 113-122, ISSN 1843-4711, CNCSIS C, BDI: RePEC,
- Dragos-Paul Pop, 'Online Tool For Soft Skills Evaluation And Employee Management', Journal of Information Systems & Operations Management v8 n.2, Decembrie 2014, pp. 410-419, ISSN 1843-4711, CNCSIS C, BDI: RePEC,
- Pop Dragos-Paul, Altar-Samuel Adam-Nelu, "Designing An Mvc Model For Rapid Web Application Development", Procedia Engineering 2014, pp. 1172-1179, ISSN: 1877-7058
- Chichernea Virgil, Pop Dragos-Paul, "Database Dynamic Management Platform (Dbdms) In Operative Software Systems", Journal of Information Systems & Operations Management v7 n2, Decembrie 2013, pp. 239-246, ISSN 1843-4711, CNCSIS B+, BDI: RePEC, Copernicus

- Pop Dragos-Paul, "Software Piracy And How It Is Influenced By The Corruption Level For Any Given Country. Open Source And Free Software As Solutions To The Problem", Journal of Information Systems & Operations Management v4 n2, Decembrie 2010, pp. 169-177, ISSN 1843-4711, CNCSIS B+, BDI: RePEC, Copernicus
- Pop Dragos-Paul, "Natural versus Surrogate Keys. Performance and Usability", Database Systems Journal v2 n2, Iunie 2011, pp. 55-63, ISSN 2069-3230, BDI: Copernicus, J-Gate
- Pop Dragos-Paul, "Designing an object relation mapping system in PHP", Journal of Information Systems & Operations Management, v5 n1, Mai 2011, pp. 205-211, ISSN 1843-4711, CNCSIS B+, BDI: Copernicus, RePEC
- Pop Dragos-Paul, "Designing Html Helpers To Optimize Web Application Development", Journal of Information Systems & Operations Management, v5 n2, Decembrie 2011, pp. 345-354, ISSN 1843-4711, CNCSIS B+, BDI: Copernicus, RePEC, ProQuest, QBE
- Pop Dragos-Paul, Altar-Samuel Adam-Nelu, "A Model For The Automation Of Html Form Creation And Validation", Journal of Information Systems & Operations Management, v6 n1, Mai 2012, pp. 119-130, ISSN 1843-4711, CNCSIS B+, BDI: Copernicus, RePEC, ProQuest, QBE

Research Articles

- Chichernea Virgil, Pop Dragos-Paul, „Techniques For Optimizing The Relationship Between Data Storage Space And Data Retrieval Time For Large Databases", Journal of Information Systems & Operations Management, v6 n2, Decembrie 2012, pp. 258-268, ISSN 1843-4711, CNCSIS B+, BDI: Copernicus, RePEC, ProQuest, QBE
- Pop Dragos-Paul, Alexe Cristina, "Using Oracle Business Intelligence To Analyze Company Results And Create Strategies", Journal of Information Systems & Operations Management, v7 n1, Mai 2013, pp. 117-128, ISSN 1843-4711, CNCSIS B+, BDI: Copernicus, RePEC, ProQuest, QBE
- Marin Georgiana, Pop Dragos-Paul, "The European Emergency Number 112", Journal of Information Systems & Operations Management, v3 n1, Mai 2009, pp. 184-191, ISSN 1843-4711, CNCSIS C, BDI: RePEC
- Pop Dragos-Paul, Chichernea Virgil, „WebUniv - Collaborative Support Systems For Education", Proceedings of The 9th International Scientific Conference eLearning and software for Education, Aprilie 2013, pp. 350-355, ISSN 2066-026X, ISI Web of Science, Ebsco, ProQuest, Ceeol

Books

- Virgil Chichernea, Gabriel Eugen Garais, Dragos-Paul Pop – „BazeDe Date Oracle: SQL, SQL*Plus, PL/SQL", Editura Universitatii Romano-Americane, 2009, ISBN: 978-606-92189-4-4

Research Projects

- "ȘCOALA PRACTICĂ: Inovare în învățământul superior și succes pe piața muncii" - POSDRU/156/1.2/G/132920 - Director Centrul de Tehnologie Informatiei si Comunicatiilor
- „Studiu privind tehnologia eCall", Program Sectorial – MCTI, nr. contract 50/06.11.2008 – membru
- „Ph.D. for a career in interdisciplinary economic research at the European standards" – POSDRU/107/1.5/S/77213
- "Incertitudine, caomplexitate si stabilitate financiara" – PN II - ID - PCE - 2011 - 3 - 1054
- "Future Policy Modelling (FUPOL)", Proiect FP7, 2011-2015

● DRIVING LICENCE

Driving Licence: B

● VOLUNTEERING

01/10/2016 – 01/09/2020 Digital Nation (former DevAcademy)

Mentor Frontend

UNIVERSITATEA ROMÂNNO-AMERICANĂ

Facultatea de ... INFORMATICĂ MANAGERIALĂ.....

Departamentul de INFORMATICĂ, STATISTICĂ, MATEMATICĂ.....

Grad didactic NUME și PRENUME

L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

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

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

C1. Liviu-Dragos Enache, Dragos-Paul Pop, "Gamifying Education", Proceedings of the 12th International Scientific Conference "eLearning and Software for Education", Bucharest, April 21-22, 2016, Vol. 1, pp. 523-528

C2. Dragos-Paul Pop, Edward Cristi Butoiu, "An Analisys Of Rdbms, Oop And Nosql Concepts", Journal of Information Systems & Operations Management v9 n.1, Mai 2015, pp. 177-188, ISSN 1843-4711, CNCIS C, BDI: RePEC

C3. Dragos-Paul Pop, Serban Radu Cristian Herlea, "Case Study: Recruiting Opportunities For Web Developers On The Current Labor Market", Journal of Information Systems & Operations Management v9 n.1, Mai 2015, pp. 168-176, ISSN 1843-4711, CNCIS C, BDI: RePEC

C4. Adam Altăr-Samuel, Dragoș-Paul Pop, "A Semantic E-Learning Platform", Journal of Information Systems & Operations Management v9 n.1, Mai 2015, pp. 113-122, ISSN 1843-4711, CNCIS C, BDI: RePEC,

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

- Reviste
- Selecție cu maximum 20 lucrări în volume de conferințe

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.)

Pi1. "Future Policy Modelling (FUPOL)", Proiect FP7, 2011-2015

Pi2. "ȘCOALA PRACTICĂ: Inovare în învățământul superior și succes pe piața muncii" - POSDRU/156/1.2/G/132920 - Director Centrul de Tehnologia Informatiei si Comunicatiilor

Data,
17.07.2025

