

## Personal Information



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Gender: Male

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### Business

Innovation Management  
Complex Systems  
Innovation Strategy

### Research

Decentralized Architectures  
Blockchain and AI Ecosystems  
Cyber Physical Social Systems

### Academia

Disruptive Education  
Technology transfer  
University Teaching

## Lifelong learning

Blockchain and Digital Currency	University of Cape Town (SA)	2021-2022
Executive Leadership Programme	University of Oxford (UK)	2020
Design Thinking Methodology	Design Thinking Society (RO)	2020
Blockchain For Agrifood	The New Fork (NL)	2020
Fulbright Visiting Professor	University of Rochester(US)	2019-2020
Modern Agriculture, Farming, Apiculture	Ministry of Agriculture (RO)	2015-2016
Project Management; Entrepreneurship; Sustainable Development; Research Ethics; Law in tech fields;	European Union Knowledge Program (EU)	2013-2015
Advanced Artificial Intelligence; Databases; Machine Learning (first 3 massive inaugural online courses)	Stanford University (US)	2010-2012
Cisco Certified Network Associate	CISCO Academy (RO)	2008-2010

## Education

Doctor (PhD) in Computer Science	University Politehnica of Bucharest	2012-2015
Master in Advanced Computing Systems	“Lucian Blaga” University of Sibiu	2010-2012
Bachelor in Computer science	“Lucian Blaga” University of Sibiu	2006-2010

## Work and Experience

Digital Manager	DIY4U	6 Mill € H2020 research project funded by the EU to disrupt the market of fast moving consumer goods	2019-present
Lecturer Professor	ULBS	University Lecturer Professor: Databases; Human Computer Interaction; Cyber Security;	2012-present
CEO	Dattum	Dattum is a global collaborative ecosystem that provides heterogeneous analytics for medical data.	2020-2021
Research Fellow	INSOLAR Research	INSOLAR builds the next generation high-performance scalable blockchain platform designed for enterprise.	2018-2020
Director of Research	Effective Decisions	Business driven Research and Development for Blockchain; Artificial Intelligence and Next Generation Internet;	2018-2020
Head of Research	Elrond Network	Elrond aims to build World's First High Throughput Blockchain Platform that implements Adaptive State Sharding and Secure Proof of Stake.	2017-2018
Founding member	INCON Research Center	HMI, IoT, VR, AR, AI, Industry 4.0 on human centric cyber-physical systems. Contributions to several multi-million euro research projects	2016-2019
Board Member	EduHub	Empowering tech startups through a series of programs and events focused on Entrepreneurship.	2016-2020
Ambassador	Tech Lounge	Innovation Labs. Start-up Acceleration Program.	2015-2019
Mentor	Risky Business	Adviser on funding startups with tech business ideas.	2016-2019
Researcher	ULBS	Horizon 2020 Research. Advanced simulations for Cyber Physical Systems. Prototype. 0.5 Mill € funding.	2016-2017
Researcher	Politehnica Bucharest	Horizon 2020 Research. Innovative hardware and software prototype. Sound of Vision. 4 Mill € funding.	2015-2017
Innovation Consultant	Industrial Software	Project based R & D & I consultancy on EU Horizon 2020 calls, national and international funding grants.	2016-2017
Team Leader	Pro Soft Avangard	Team management for an eLearning math platform that brings gamified controls and changes the way people experiment and understand mathematical concepts.	2013-2016
Mentor	Microsoft	Mentoring tech Imagine Cup teams that have the power to change the world. Best result : worldwide semifinals.	2011-2013

Software Engineer	ULBS COMPA	Development of a software for regulations on health and safety legislation in an industrial environment for automotive. A project funded through POSDRU funds.	2010-2013
Software Developer	Freelancer	Freelance experience on web development, with 5-star ratings from clients all over the world.	2010-2012
Software Developer	Mayabo LLC, USA	Software development experience on social media applications	2010-2011
Software Developer	Logitask	Software development on various programming environments for desktop and web applications	2008-2010

### **Publications, Materials and Proposals**

35+ proposal contributions to International, European and national Research and Innovation grants  
 40+ peer-reviewed scientific publications at international computer science conferences and journals  
 2 patents, one for mathematics and one for blockchain technologies (contributor / contract)  
 7 technical whitepapers for blockchain, cryptocurrency, artificial intelligence (contributor / contract)

### **Community, volunteering and nonprofit**

Founding member	Blockchain Society - a social model for a decentralized planet	2018-present
Vice President	Rotaract Sibiu - a Rotary Partner	2015-2016
IT Department Leader	Sibiu International Theatre Festival (FITS)	2014-2015
Organizer	International festival for bells and religious wood instruments	2012-2013
Member	Local church committee	2010-2013
Founding Member	Computer Science Student's Association - CSD Sibiu	2007-2012

### **Languages**

Romanian (Native)	English (Proficient)	French (Basic)	German (Beginner)
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### **Hobbies**

Agriculture	Lego	Sports	Computer Games
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### **Social skills**

Leadership	Open-Minded	Problem-solving	Outspoken
Team Player	Adaptive	Ambitious	Public Speaking