

Personal Information



Name: Alex Butean

Residency: Romania

E-Residency: Estonia

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

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|--|---------------------------------------|-----------|
| 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

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|--------------------------------------|-------------------------------------|-----------|
| 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

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| 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 |

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| 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 |
| Network Admin | Noi2 Network | Creation, administration and maintenance of a LAN neighborhood network of over 4km ² | 2005-2008 |

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

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|-----------------|--|--------------|
| Founding member | Blockchain Society - a social model for a decentralized planet | 2018-present |
| Member | Local church committee | 2010-present |
| reFounder | Sibiu Community Foundation | 2020-present |
| Vice President | Rotaract Sibiu - a Rotary Club Partner | 2015-2016 |
| Founding Member | Computer Science Student's Association - CSD Sibiu | 2007-2012 |

Languages

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|-------------------|----------------------|----------------|-------------------|
| Romanian (Native) | English (Proficient) | French (Basic) | German (Beginner) |
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Hobbies

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|-------------|------|--------|----------------|
| Agriculture | Lego | Sports | Computer Games |
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Social skills

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| Leadership | Open-Minded | Problem-solving | Outspoken |
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