



Roxana Rusu-Both

ID: 283481 | **Date of birth:** 04/05/1985 | **Place of birth:** Dej, Romania |

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Address: Memorandumului 28, 400114, Cluj-Napoca, Romania (Work)

WORK EXPERIENCE

 **AIMED SOFT SOLUTIONS** – CLUJ-NAPOCA, ROMANIA

CO-FOUNDER AND CONSULTANT – 01/11/2020 – CURRENT

Consultant in management, fundraising, and research offering expert guidance in developing strategic plans, securing capital from investors, and conducting market research to identify opportunities and challenges. Services typically include creating fundraising strategies, identifying and engaging potential investors, performing market analysis, and providing strategic planning support for management.

Management & Research Activities

- **Strategic Planning:**
- **Market Research:**
- **Stakeholder Analysis:**
- **Business Analysis:**

Fundraising Activities

- **Strategy Development:**
- **Investor Identification:**
- **Proposal & Pitch Development:**
- **Investor Relations:**

 **TECHNICAL UNIVERSITY OF CLUJ-NAPOCA** – CLUJ-NAPOCA, ROMANIA

ASSOCIATE PROFESSOR – 01/10/2018 – CURRENT

Research and teaching activities

 **TECHNICAL UNIVERSITY OF CLUJ-NAPOCA** – CLUJ-NAPOCA, ROMANIA

LECTURER – 01/10/2012 – 01/10/2018

Research and teaching activities

 **TECHNICAL UNIVERSITY OF CLUJ-NAPOCA** – CLUJ-NAPOCA, ROMANIA

TEACHING ASSISTANT – 01/10/2011 – 01/10/2012

Research and teaching activities

EDUCATION AND TRAINING

01/10/2008 – 01/10/2011 Cluj-Napoca, Romania

PHD IN SYSTEM ENGINEERING Technical University of Cluj-Napoca

Level in EQF EQF level 8

01/10/2008 – 01/10/2010 Cluj-Napoca, Romania

MASTER DEGREE IN ADVANCED PROCESS CONTROL Technical University of Cluj-Napoca

Level in EQF EQF level 7

Level in EQF EQF level 6

LANGUAGE SKILLSMother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C1	C2	C2
FRENCH	C1	C1	B2	B2	B2
SPANISH	B1	B1	A2	B1	A2
ITALIAN	B1	B1	B1	B1	A2

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user***PROJECTS****Principal Investigator, Diagnostic system for intrathoracic tumors based on ultrasonography and molecular biomarkers**

Grant PED178/2017, approx 115 000 EUR

Link <https://roxana-eu.wixsite.com/disosys>**Principal Investigator, Lung cancer Diagnosis and Monitoring System based on transthoracic ultrasonography and neural networks**

Grant EIT Health RIS Innovation Project no. 21528/07.08.2019, approx 75000 EUR

Link <https://roxana-eu.wixsite.com/lcdst>**Principal Investigator, Diagnosis and follow-up system based on artificial intelligence algorithms and transthoracic ultrasound image analysis for diffuse lung diseases**

Grant EIT Health RIS Innovation Project no. 10301/27.04.2020, approx 75000 EUR

Principal Investigator, Lymph Nodes Metastasis Evaluation and Monitoring system based on ultrasound image analysis and artificial intelligence algorithms - LymphMED-AI

Grant EIT Health RIS Innovation Project no 1340/16.01.2023, approx 75000 EUR

PUBLICATIONS**More than 80 publications, with an h-index of 10**https://scholar.google.com/citations?hl=ro&user=iyVLzt0AAAAJ&view_op=list_works&sortby=pubdate**HONOURS AND AWARDS****Silver Medal – Euroinvent 2021**

Method for the detection and evaluation of pleural and lung surface modifications based on computer analysis of ultrasound, authors: Rusu-Both Roxana, Chira Romeo Ioan

● INVITED TALKS/LECTURES/WORKSHOPS/SPEAKER

01/10/2015 – 03/10/2015

Invited Speaker at the Workshop on Emerging Methods in Control Engineering at the International Conference on Fractional Signals and Systems 2015

Link <http://fss-conference.com/files/Workshop-Control-24-09-15.pdf>

04/12/2015

Invited Speaker at the ■ Workshop on “Distributed Control Strategies with Application to Robust Fractional Order Controllers for Distillation”, 2015, University of Cyprus, Cyprus

● ORGANIZATIONAL SKILLS

Special Sessions Chair at the IEEE International Conference on Automation, Quality and Testing, Robotics 2024

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Special Sessions Chair at the 29th International Conference on System Theory, Control and Computing, ICSTCC 2025

01/10/2015 – 03/10/2015

Organizing committee member al International Conference on Fractional Signals and Systems 2015, Cluj-Napoca, Romania, 2015

Link <http://fss-conference.com/organizing-commitee.php>

Program responsible for the Bachelor dual learning program Intelligent Automated Systems, Automation Department and Emerson

● SKILLS

DeltaV programming | MATLAB | C# | Phyton | LabVIEW | Machine learning | Image processing | Electronics | Signal processing | mathematical modeling | robust control | adaptive control | predictive control

● DRIVING LICENCE

Driving Licence: B