



Roxana Rusu-Both

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Experien a profesional

Co-fondator si Consultant | AiMed Soft Solutions | 01/11/2020 - În curs | Cluj-Napoca, România

Consultant în management, fundraising i cercetare, cu experien în dezvoltare capital i realizarea analizelor de pia . Expertiz în elaborarea strategiilor d investitorilor, precum i în sprijinirea proceselor de planificare strategic pen

Competen e cheie

Management & Cercetare: Planificare strategic , cercetare de pia , analiz a business

Fundraising: Dezvoltare strategie, identificare investitori, elaborare propuner investitori

Conferentiar | Universitatea Tehnica din Cluj-Napoca | 01/10/2018 - În curs | Cluj-Napoca, România

Activitate didactic i de cercetare

Sef Lucrari | Universitatea Tehnica din Cluj-Napoca | 01/10/2012 - 01/10/2018 | Cluj-Napoca, România

Activitate didactic i de cercetare

Asistent universitar | Universitatea Tehnica din Cluj-Napoca | 01/10/2011 - 01/10/2012 | Cluj-Napoca, România

Activitate didactic i de cercetare

Educa ie i formare

DOCTOR IN INGINERIA SISTEMELOR | Universitatea Tehnica din Cluj-Napoca | 01/10/2008 - 01/10/2011 | Cluj-Napoca, România

Nivelul CEC 8

DIPLOMA DE MASTERAT IN CONTROLUL AVANSAT AL PROCESELOR | Universitatea Tehnica din Cluj-Napoca | 01/10/2008 - 01/10/2010 | Cluj-Napoca, România

Nivelul CEC 7

INGINER, LICENTA IN INGINERIA SISTEMELOR | Universitatea Tehnica din Cluj-Napoca | 01/10/2003 - 01/07/2008 | Cluj-Napoca, România

Nivelul CEC 6

Competen e lingvistice

Limb (i) materon(â):

	Comprehensiune		Vorbit		Scris
	Comprehensiune oral	Citit	Exprimare scris	Conversa ie	
englez	C2	C2	C1	C2	C2
francez	C1	C1	B2	B2	B2

s p a n i o l	B1	B1	A2	B1	A2
i t a l i a n	B1	B1	B1	B1	A2

Proiecte

Principal Investigator, Diagnostic system for intrathoracic tumors based on ultrasonography and molecular biomarkers

Grant PED178/2017, approx 115 000 EUR

<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

<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

Publica ii

Peste 80 de publicatii cu un h-index de 10

https://scholar.google.com/citations?hl=ro&user=iyVLzt0AAAAJ&view_op=list_works&sortby=pubdate

Distinc ii onorifice i premii

Medalie de Argint | 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

Invited Speaker at the Workshop on Emerging Methods in Control Engineering at the International Conference on Fractional Signals and Systems 2015 | 01/10/2015 - 03/10/2015

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

Invited Speaker at the %^a Workshop on “Distributed Control Strategies with 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

Write here the description...

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

Organizing committee member al International Conference on Fractional Signals and Systems 2015, Cluj-Napoca, Romania, 2015 | 01/10/2015 - 03/10/2015

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

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

C o m p e t e n c e

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

Permis de conducere

Permis de conducere B