


PERSONAL INFORMATION

Victor Vlădăreanu 48, Calea Crângași, 060344 Bucharest (Romania) +40721431519 victor.vladareanu@imsar.ro

WORK EXPERIENCE

- 08/2013–Present **Scientific Researcher**
Institute of Solid Mechanics of the Romanian Academy, Bucharest (Romania)
Robotics and Mechatronic Systems, Artificial Intelligence. Simulation and implementation of innovative solutions.
- 07/2019–Present **Scientific Director**
Institute of Solid Mechanics of the Romanian Academy, Bucharest (Romania)
- 11/2017–06/2019 **Scientific Secretary**
Institute of Solid Mechanics of the Romanian Academy, Bucharest (Romania)
- 11/2011–12/2014 **University research assistant**
Politehnica University, Bucharest (Romania)
Research and Documentation in Engineering Sciences, Artificial Intelligence and Robotics.
- 08/2007–01/2014 **Industrial Automation Engineer**
VTC Engineering, Bucharest (Romania)
Developing complex automations by using Programmable Logical Controllers (PLC) and SCADA structures. Design and implementation of Building Automation System solutions (BMS/HVAC). Also responsible for programming and system integration.
- 08/2009–10/2009 **Acquisitions Intern**
Cefin Automotive, Bucharest (Romania)
Internship in the Department of Acquisitions. Responsible for supplier market research, supplier communication and value quoting.

EDUCATION AND TRAINING

- 10/2011–12/2014 **Ph.D.** EQF level 8
Politehnica University, Bucharest (Romania)
Intelligent Control of Mobile Robots.
- 10/2010–07/2011 **M.Sc.** EQF level 7
Newcastle University, Newcastle (United Kingdom)
Automation and Control.
- 10/2009–07/2012 **M.Sc.** EQF level 7
Politehnica University, Bucharest (Romania)
Decision, risk and prognosis models.

- 10/2003–07/2009 **B.Sc.** EQF level 6
 Politehnica University, Bucharest (Romania)
 Industrial Engineering, Automation Major, in German.
- 10/2003–07/2007 **B.Sc.** EQF level 5
 Academy of Economic Studies, Bucharest (Romania)
 Economic studies, Statistics Major.

PERSONAL SKILLS

Mother tongue(s) Romanian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
TOEFL, July 2010, 115/120 CAE Cambridge Test, December 2003, Grade A					
German	B2	B2	B1	B1	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
 Common European Framework of Reference for Languages

Communication skills - good communication skill gained through my participation in national and international mobilities' projects, as well as consortium teams

Organisational / managerial skills - leadership (currently responsible for Institute affairs as Scientific Director)
 - good organisational skills gained as Scientific Secretary, responsible for events and meetings
 - good team-leading skills gained as Project Responsible or Team Leader in a number of research projects

Job-related skills - design and implementation of Artificial Intelligence solutions, mainly in Robotics, using control and optimization algorithms, as well as some statistical tools.
 - led 1 national research project and 3 economic contracts on behalf of the Institute.
 - participated in 8 national and 3 international collaborative research projects.
 - evaluated UEFISCDI projects.

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

