

## PERSONAL INFORMATION

**Victor Vlădăreanu**

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## 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