

## PERSONAL INFORMATION

Itu Alina (n. Girbea)



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Gender F | Date of birth | Nationality Romanian

## PROFESSIONAL EXPERIENCE

Oct. 2014 – present

**Lecturer / Associate Professor**

Transylvania University of Braşov, B-dul Eroilor 29, Braşov, Romania (www.unitbv.ro)

- Teaching activities at the undergraduate and master's level within the Department of Automation and Information Technology; research activities

Oct. 2012 - present

**Research engineer**

Siemens SRL, Corporate Technology, B-dul Eroilor 3A, Braşov, Romania (www.siemens.ro)

- Development of software solutions for industrial equipment: prototyping

August 2011 – October 2011

**Intern**

Siemens Corporate Research and Technologies, Siemensstrasse 1-3, Vienna, Austria (www.siemens.com)

- Design, implement and test constraint satisfaction models and problems

January 2010 – July 2011,  
November 2011 – September  
2012

**Intern**

Siemens SRL, Corporate Technology, B-dul Eroilor 3A, Braşov, Romania (www.siemens.ro)

- Evaluation and testing of software service frameworks, development of OPC UA client-server applications

## EDUCATION AND TRAINING

October 2010 – September 2013

**Doctor of Engineering**

Transylvania University of Braşov, B-dul Eroilor 29, Braşov, Romania (www.unitbv.ro)

- Electrical Engineering, PhD degree for the thesis entitled *Global Service Network for Flexible Line Data Management*

October 2004 – July 2009

**Diplomat Engineer**

Transylvania University of Braşov, B-dul Eroilor 29, Braşov, Romania (www.unitbv.ro)

- Systems engineering, process control, programmable logic controllers, C, C++, Java programming

September 2000 – June 2004

**Baccalaureate**

"Grigore Tocilescu" Theoretical High School, Mizil

- Mathematics, Physics, Chemistry, Biology, Computer Science

## PERSONAL COMPETENCES

Mother tongue(s) Romanian

Other known foreign languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Join the conversation	Oral speech	
English	C1	C1	B2	B2	C1
GERMAN	A1	A1	A1	A1	A1

Levels: A1/2: Elementary user - B1/2: Independent user - C1/2: Experienced user  
Common European Framework of Reference for Languages

Communication skills ▪ Good communication skills acquired through experience as a project manager and teacher

Organizational/managerial skills ▪ Developed capacity to understand and systematize tasks within a team, acquired as a result of coordinating research projects

Skills acquired at work ▪ Cloud computing (AWS)  
▪ Constraint-based programming: Choco, JaCoP  
▪ Linear programming  
▪ Software services development: SOAP, REST, Apache River  
▪ Monitoring and controlling industrial applications using OPC UA  
▪ PLC programming: Step 7 Manager, MicroWin

Computer skills ▪ Java, C/C++, HTML, CSS, PHP, JavaScript

Other skills ▪ Punctual, capable of teamwork, willing to learn and improve myself

Driving license ▪ B

## ADDITIONAL INFORMATION

- Publications  
presentation  
project  
conference  
seminars  
AWARDS  
Affiliations  
reference
- a) Research projects
- Cont. no. 6/2017/2017-2020, program: FLAG-ERA – RoboCom++ – Rethinking Robotics for the Robot Companion of the future, funded by EU Commission / UEFISCDI. Beneficiary: Transilvania University of Braşov (partner).
  - Cont. no. 11/2017/2017-2020, program: FLAG-ERA – FuturICT2.0 – Large scale experiments and simulations for the second generation of FuturICT, financed by EU Commission / UEFISCDI. Beneficiary: Transilvania University of Braşov (partner).
- b) A summary of the main achievements:
- number of books published in national publishing houses: 4
  - number of ISI indexed works: 9
  - number of BDI indexed works: 14
  - no. of papers in conference volumes: 6
  - no. of patents: 1