



## Europass Curriculum Vitae

### Personal information

First name(s) / Surname(s) **Laurențiu Mărgărit**  
Address(es) Calea 13 Septembrie, Nr. 87, Bl. 79, Ap. 19, Sector 5, BUCURESTI, Romania  
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E-mail margarit@mta.ro  
Nationality Romanian  
Date of birth 16-04-1958  
Gender Male

### Work experience

Dates	1991-02 <> present
Occupation or position held	<b>Associate Professor</b>
Main activities and responsibilities	Responsibilities, Achievements President of the academic Senate 2014<>2015 Faculty of Military Electronic and Information Systems - Vice Dean 2016<>present 2009<>2013 Computer Science Department - head of hardware team * Courses taught and developed: - Digital integrated circuits - Computer architectures - Digital control systems - Embedded systems * Publications: - Books: 2 - Full papers: 30 * R&D projects: 9 major academic grants and design contracts
Name and address of employer	Military Technical Academy, Bucharest
Type of business or sector	Education/Training
Dates	1988-06 <> 1991-02
Occupation or position held	<b>System engineer</b>
Main activities and responsibilities	Responsibilities, Achievements System administrator for DEC PDP compatible minicomputers under RSX11M operating systems. Software developer (MACRO 11 and ANSI C) for proprietary communication protocol based applications via modems and leased phone lines.
Name and address of employer	Ministry of National Defense – Computer and Information Data Center
Type of business or sector	Software/Technologies
Dates	1983-09 <> 1988-05
Occupation or position held	<b>R&amp;D engineer</b>
Main activities and responsibilities	Member of the "Distributed control systems" team. The main goal of this team was to design and produce the "microARGUS Distributed Control System". Software developer of the firmware for the "Process Interface Unit" equipment and for the "Operator Station" equipment.
Name and address of employer	AUTOMATICA Bucharest
Type of business or sector	Hardware and Software/Technologies

## Education and training

Dates 1992 <> 1998  
 Title of qualification awarded **Ph.D.**  
 Principal subjects/occupational skills covered "Contributions to Multi-model Adaptive Systems Design" (adaptive digital control)  
 Name and type of organisation providing education and training Politehnica University of Bucharest  
 Dates 1978 <> 1983  
 Title of qualification awarded Master Degree  
 Principal subjects/occupational skills covered Master in automatic control and computer engineering  
 Name and type of organisation providing education and training Politehnica University of Bucharest

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment

*European level*

**English**

**French**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production		Writing	
C1	Experimented user	C1	Experimented user	C1	Experimented user	C1	Experimented user	C1	Experimented user
C1	Experimented user	C1	Experimented user	C1	Experimented user	C1	Experimented user	C1	Experimented user

Social skills and competences Good communication skills gained from being professor for so many years

Organisational skills and competences Faculty management  
 - 2009<> 2013 Vice Dean of Faculty of military electronic and information systems  
 Director of research projects

Technical skills and competences

- Advanced theoretical and practical background related to digital control algorithms design and implementation
- Advanced theoretical and practical background related to digital signal processing methods and algorithms
- Advanced expertise in FPGA based digital design
- Advanced expertise in assembler programming
- Advanced expertise in C programming
- Advanced expertise in firmware design using microcontrollers and DSP microprocessors
- Proficiency with laboratory instruments (such as DMM, oscilloscope and logic analyzer) for test and design experiments
- Advanced expertise in using Matlab-Simulink software (including real-time simulation and hardware in the loop concepts and tools)

Artistic skills and competences Mandolina music player

Driving licence B

**Additional information**

2012 Software consultant at SELEX Communication (local branch in Romania)  
 2010 Software consultant at THALES RSS (local branch in Romania)  
 2008 <> 2009 System architect (part time) at MOSYS (local branch in Romania)  
 2006 <> 2008 System engineer (part time) at ATMEL (local branch in Romania)  
 2000 <> 2002 Software developer (part time) at FRESENIUS MEDICAL CARE (local branch in Romania)

**Annexes** List of publications