



## Europass curriculum vitae

### Personal information

Surname(s) / First name(s)

Address(es)

Telephone(s)

E-mail(s)

Nationality(-ies)

Date of birth

Gender

**Ionita Silviu**

IC Bratianu, BI A7, Sc A, Ap 18, Pitesti, cod 110003, jud. Arges, Romania

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[silviu.ionita@upit.ro](mailto:silviu.ionita@upit.ro), [ionitas@hotmail.com](mailto:ionitas@hotmail.com)

Romanian

20.07.1964

Male

### Employment / Occupational field

#### Work experience

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

### Professional engineering/University professor- Teaching&Scientific research

#### Oct. 2004-present

**Professor at Department of Electronics, Computers and Electrical Engineering (DECIE), Faculty of Electronics, Communications and Computers (FECC), University of Pitesti (UPIT)**

Teaching of graduate and postgraduate courses (Intelligent Systems Engineering, Robotics, Remote control, Systems Modeling&Simulation, AI's Paradigms, other related disciplines).

Scientific research activity in area of interest, (see the list of research& publications);

Administrative charges:

- *Scientific Secretary* of the Faculty (2004-2008): curricula coordination, research management;
- *Dean* of the Faculty (2008-2012): curricula management, educational strategy designing, quality of learning, administrative coordination;
- *Vice-rector of UPIT* (Mars 2016 - Nov 2016): Scientific Research and Competitivity, ICT;

Activity in association with companies and with the private sector:

- Associate (part time) researcher with Mira Technologies SRL (2014-2017): research projects implementation, prototyping and solution development (see the list at research section);
- Authorized person "PFA Ionita D. Silviu" activity code 7112 - Engineering and related technical consultancy.

Activity in NGO:

- President of the "University Association for Advanced Engineering and Innovation".

University of Pitesti, 1, Targul din vale, 110040, Pitesti, jud. Arges, Romania

Education, State university

#### Oct. 2001-Oct. 2004

**Assistant Professor, Department of Electronics and Computers, Faculty of Electronics Communications and Computers, University of Pitesti**

Teaching of graduate and postgraduate courses, Scientific research activity in area of interest

University of Pitesti, 1, Targul din vale, 110040, Pitesti, jud. Arges, Romania

Education, State university

#### Dec. 2000-March 2001

**Associate Researcher, University of Calgary, Canada**

Research in area of Expert System for Medical Diagnosis focused on Fuzzy-evolutionary approaches on web-centered information searching.

Prof. M. Ulieru, Department of Electrical and Computer Engineering, University of Calgary, 2500 University Drive NW, Calgary, Alberta T2N 1N4, CANADA

Collaborative Health Research Project Grant by the National Science and Engineering Research Council (NSERC) of Canada

Dates	<b><u>Aug.2000-Dec. 2000</u></b>
Occupation or position held	<b>Visiting Research Fellow, Intelligent Systems Group, Department of Mechanical and Manufacturing Engineering , University of Calgary, Canada</b>
Main activities and responsibilities	Research in area of AI paradigms in area of Intelligent Distributed Systems focused on Intelligent Traffic Control-Multi-Agent Approaches
Name and address of employer	Prof. D. Norie, Chair of Intelligent Systems Group, University of Calgary, 2500 University Drive NW, Calgary, Alberta T2N 1N4, CANADA
Type of business or sector	Research Fellowship
Dates	<b><u>Oct 1998-Aug 2000</u></b>
Occupation or position held	<b>Lecturer in Department of Electronics at The University of Pitesti</b>
Main activities and responsibilities	Teaching of graduate and postgraduate courses from Electronics Department curricula, Scientific research activity
Name and address of employer	University of Pitesti, 1, Targul din vale, 110040, Pitesti, jud. Arges, Romania
Type of business or sector	Education, State university
Dates	<b><u>Jan 1998-Sept 1998</u></b>
Occupation or position held	<b>Senior Researcher, Center for Information, Electronics and Communications; Army Equipment and Technologies Research Agency, Clinceni, Romania</b>
Main activities and responsibilities	Implementation of <i>Air Surveillance Operational Center (ASOC)</i> - Concept Study and Software requirements statement. Development of the AI models for threat evaluation in complex air context
Name and address of employer	Ministry of National Defense
Type of business or sector	Defense
Dates	<b><u>March 1991- Dec 1997</u></b>
Occupation or position held	<b>Researcher and Associate Lecturer, Military Technical Academy/ Armament, Missiles and Ammunition Department, Bucharest, Romania</b>
Main activities and responsibilities	Main Research focused on the topic of weapon systems. Specific courses teaching.
Name and address of employer	Military Technical Academy, 82-83, Regina Maria, sect.5, Bucharest, Romania
Type of business or sector	Education & Research
Dates	<b><u>May 1989- March 1991</u></b>
Occupation or position held	<b>Quality Engineer of Military Reception Commission</b>
Main activities and responsibilities	Reliability and quality control of aircraft and control equipment
Name and address of employer	Enterprise for Aircraft Manufacturing, Craiova, Romania
Type of business or sector	Defense Industry
Dates	<b><u>Sept 1988-May 1989</u></b>
Occupation or position held	<b>Design Engineer</b>
Main activities and responsibilities	Design of Aircraft board equipment Associate Professor at the "Tudor Vladimirescu" Military College in Craiova
Name and address of employer	Ministry of National Defense, Military Aircraft Headquarter
Type of business or sector	Defense- Technical support

## Education and training

Dates	<b><u>1997</u></b>
Title of qualification awarded	<b>Ph.D. degree in Engineering - Automatic systems</b>
Principal subjects/Occupational skills covered	Fuzzy logic based intelligent control of high speed targets interception/ Control Engineering
Name and type of organization providing education and training	Military Technical Academy, Bucharest
Dates	<b><u>Oct. 1991-Feb.1992</u></b>
Title of qualification awarded	Postgraduate Course for Mini- and Microcomputers Programming,
Principal subjects/Occupational skills covered	PC Programming
Name and type of organization providing education and training	Military Technical Academy, Bucharest

Dates	<b>1982-1988</b>
Title of qualification awarded	<b>B. Eng , M. Eng.</b>
Principal subjects/Occupational skills covered	Aircraft engineering/ Aircraft Weapons Missiles and Ammunition
Name and type of organization providing education and training	Military Technical Academy, Bucharest

### Personal skills and competences

Mother tongue(s)

**Romanian**

Other language(s)

Self-assessment

European level (\*)

**English**

**French**

**Russian**

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
Good	Excellent	Good	Good	Good
Satisfactory	Good	Good	Satisfactory	Satisfactory
-	Satisfactory	-	-	Satisfactory

Social skills and competences

- Experience in continuous training (of adults). Associate teacher / trainer within Continuing Training Center of the University of Pitesti . Lifelong Learning programs with Department of Continuous Training "Muntenia" of the University of Pitesti: Phare CES 2005, 128959-CP-1-2006-1-GR- COMENIUS -C21.
- Building European Partnerships for the preparation and submission of two European projects proposals in FP-6 and FP-7 respectively.

Organisational skills and competences

- Experience acquired in industry, research and academics (partial with Ministry of National Defense)  
 Research projects coordination: A number of grants funded by Govern and private companies were coordinated in the latest 15 years.
- Project manager: POS CCE-A2-O2.2.4-2009-3: "CAPACITY GROWTH
  - CD & I ADMINISTRATIVE ADMINISTRATION THROUGH TIC SOLUTIONS ADVANCED TO THE UNIVERSITY OF PITESTI (ADVAD) ". (Implemented in 2010).
  - Technical Director: POS CCE - AXA II Operation 2.2.1-2013-1, ID 1947 / code SMIS-CSNR 48763, research contract no.675 / 09.04.2015 - "REGIONAL RESEARCH CENTER - DEVELOPMENT FOR MATERIALS, PROCESSES AND INNOVATIVE PRODUCTS DESIGNED IN AUTOMOBILE INDUSTRY / CRC & D-AUTO ". (Implementation period: April to November 2015).
  - Organization of internal and international scientific events (Conferences, Workshops).
  - Participation in admissions commissions. Organizer of the practice of specialty and year tutor. Coordinator of the timetable.
  - Organizational and managerial skills proven in the position of scientific secretary and as a Dean.
  - Work experience with collectives of people, accumulated in industry, research and in the university environment. Experience of military co-ordination in previously held positions.
  - Organizing and coordinating the practice of student practice.
  - Coordination of activities and internships for doctoral students and post-doctoral fellows (foreign scholars) within the ERASMUS programs and the Francophone Universities Agency (AUF).
  - Coordinating students for participating in international competitions (Digilent & Imprezio Contest).

Technical skills and competences

Devising, designing and implementation of the intelligent systems, user centred.  
 Designing and implementation of the laboratory stands and prototyping.  
 Specific competencies for aircraft technique acquired during the activities with the Ministry of Defence.

Computer skills and competences

Computer programming (common high level languages);  
 Engineering simulative environments (ie Matlab-Simulink and specific CAD);

Artistic skills and competences

Graphics, painting-native abilities

Other skills and competences	Expert evaluator for Francophone Universities Agency in National Evaluation Commission for doctoral and postdoctoral scholarships "Eugen Ionesco" - (2016, 2017, 2018); Expert evaluator for the evaluation of research proposals in national competitions (2003-2008);  Piloting – courses at the Romanian Aero club (Sibiu in 1979 and Ploiesti in 1980)
Driving license(s)	Category B

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**Annexes**

An extended chronological list of publications including research activity is accessible at [www.upit.ro](http://www.upit.ro) DECIE section.