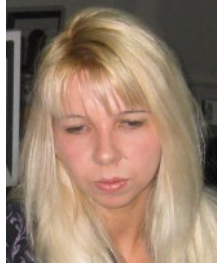




## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s) **Nirvana Alina Popescu**

Address(es) Bucharest, Romania

E-mail nirvana.popescu@upb.ro

Telephone(s) +40

Nationality Romanian

Gender

1998-now

Professor (2014), associate professor (2008-2014), lecturer (2004-2008), assistant professor (1998-2004)

Didactical, Research

### Work experience

Dates

Occupation or position held

Main activities and responsibilities

- Teaching courses on the subjects:
  - Data Structures and Algorithms (Algorithms and Data Structures)
  - Digital Computers
  - Object oriented programming languages
  - E - Commerce on Microsoft and Magento Technologies
  - E - Government
  - E- Services for Administration and Business
- Ph.D. coordination since 2016
- Research topic and details on: <https://www.brainmap.ro/nirvana-popescu>
- Coordinating seminars, laboratory and projects on the mentioned subjects
- Coordinating Diploma projects and Master dissertations.
- Participating in doctoral, diploma and dissertations exam boards.
- Coordinating student research teams in competition on the topic of embedded systems
- Leader of the Laboratory for "Reconfigurable high-confidence medical devices"

Name and address of employer

University Politehnica of Bucharest, Faculty of Automatic Control and Computer Science, Computer Science Department

Type of business or sector

Academic on Computer Science

## Education and training

Dates	2016
Title of qualification awarded	Habilitation (4855/11.08.2016) in <i>Computer Science, Information Technology and System Engineering</i>
Name and type of organisation	University Politehnica of Bucharest, Faculty of Automatic Control and Computer Science, Computer Science Department
Principal subjects/occupational skills covered	Title of the Habilitation thesis: <i>Intelligent Systems and Control</i>
Dates	1999-2003
Title of qualification awarded	Ph.D in Computer Science ( <i>cum laude</i> distinction),
Principal subjects/occupational skills covered	Title of thesis - „Selforganizing intelligent fuzzy systems”
Name and type of organisation providing education and training	University Politehnica of Bucharest, Faculty of Automatic Control and Computer Science, Computer Science Department PhD scholarship at Technical University of Bielefeld, Germany, coordinator professor Jianwei Zhang ( <a href="http://tams-www.informatik.uni-hamburg.de/people/zhang/">http://tams-www.informatik.uni-hamburg.de/people/zhang/</a> )
Dates	1998-1999
Title of qualification awarded	M.Sc. in Computer Science,
Principal subjects/occupational skills covered	Computer architecture
Name and type of organisation providing education and training	University Politehnica of Bucharest, Faculty of Automatic Control and Computer Science, Computer Science Department
Dates	1993-1998
Title of qualification awarded	Engineer in Computer Science
Principal subjects/occupational skills covered	Programming techniques, Artificial Intelligence, Data structures and algorithms, Data bases, Object oriented programming
Name and type of organisation providing education and training	University Politehnica of Bucharest, Faculty of Automatic Control and Computer Science, Computer Science Department

### Self-assessment

European level (\*)

#### Language

#### Language

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
E	C1	E	C1	E	C1	E	C1	E	C1
F	B1	F	B1	F	B1	F	B1	F	B1

(\*) [Common European Framework of Reference for Languages](#)

### Social skills and competences

Good communication skills

- Mentor of the finalist team at Windows Embedded Student Challenge 2005 Competition, Redmond SUA, with the project called “IntelliTraffic - An adaptive traffic control system”
- Mentor of 44Tech team that obtained the First Prize at Windows Embedded Student Challenge, Redmond SUA 2006, with the project called “Forest Embedded Watcher – An Embedded System for the Protection of Forests”
- Coordinating seminars, laboratory and projects on the mentioned subjects
- Coordinating PhD thesis, diploma projects and Master dissertations.

Organisational skills and competences

**Good organizational skills**

- Member of the scientific committee for Journal of Control Engineering and Applied Informatics
- Member of the scientific committee for IEEE Transactions on Neural Systems & Rehabilitation Engineering
- Member of the scientific committee and program committee for International Conferences on Data Management Technologies and Applications (DATA2014-2020)
- Member of the scientific committee and program committee for International Conferences on Informatics in Control, Automation and Robotics (ICINCO 2014-2020)
- Scientific Referent for IEEE International Conference on Robotics and Automation, 2012, 2013, 2014, 2016
- Scientific Referent for International Conference on Control Systems and Computer Science Bucharest 2009, 2011, 2013.
- Scientific Organizer for Workshop on Assistive, Rehabilitation, Diagnosis & Therapeutic Engineering, May 2015, Bucharest 2015, BDI: IEEEExplore, ISI
- Scientific Organizer for Workshop on Medical and Rehabilitation Engineering Applications, October 2013, Sinaia, BDI: IEEE Xplore, ISI

**Member of national and international scientific organizations:**

- Member of EUCOG - European Network for the Advancement of Artificial Cognitive Systems, Interaction and Robotics
- Member of EURON - European Robotics Research Network
- Member of Robotics Society of Romania

Technical skills and competences

**Programming languages, design engineering, project management**

Guest PhD. student of FH-Regensburg, Fachbereich Informatik within an European Academic Exchange Programm: SOKRATES (1999)

Researcher at Technical Faculty from the University of Bielefeld, Germany (2001-2002)

Expert on Fuzzy Control, Technical University of Denmark (1999)

Microsoft Course: Implementing a Commerce-Enabled Web Site Using Microsoft Site Server 3.0, Commerce Editon (May, 2000)

Microsoft Course: Implementing Microsoft Site Server 3.0 (May, 2000)

**Projects participation:**

- Main coordinator of project 150/2012 – „An Intelligent Haptic Robot Glove for the Patients Suffering a Cerebrovascular Accident”, Partnerships Competition 2011.
- Project no.130/2012: „High Performance Computing Of Personalized Cardio Component Models - HEART” – team member
- Horizon 2020, No. 813278, “A-Wear - A network for dynamic WEearable Applications with pRivacy constraints”, H2020 MSCA-ITN- EJD, 2019-2022.
- e-CAESAR eSAFE , 2010-2011 , UPB and Fokus Institute, Berlin
- Main coordinator of the international project E-CAESAR nPA Connector 2010, with Institutul Fokus, Berlin, Germany
- e-CAESAR EUSDRO, 2008, UPB and Fokus Institute, Berlin
- E-CAESAR PrO,2009, UPB and Fokus Institute, Berlin , Germany
- E-CAESAR SETUP, 2008, UPB and Fokus Institut, Berlin
- International Grant Horizon 2020, No. 643636, “Natural sense of vision through acoustic and haptics (SOUND OF VISION), 2015-2017 –team member
- CNCSIS project - ID 1692/2009: “Development of biologically inspired integrated cognitive architectures”
- Project D11 - 068 /18.09.2007: “Embedded systems of neural-prosthesis type for is for the recovery of handicapped people (SINPHA)” - coordinator
- Project no. 259 CEEEX/ 11.09.2006: “Technological control and integration of intelligent materials and structures (CITMSI)”
- Project no. 24 CEEEX – I03/10/10/2005: „Sharing resources for research and training”
- Member in 5 POSDRU projects

**Author of 10 books and more than 100 papers presented at prestigious international conferences and published in journals with high impact factor.**

**More than 600 citations in high indexed journal articles.**

- Expert evaluator for R&D and innovation projects for the European Commission since 2017

Webpage: <https://www.brainmap.ro/nirvana-popescu>

Other skills and competences

Team work

Driving licence

Yes, B cath.

29.10.2022