



## Europass Curriculum Vitae

### Personal information

First name(s) / Surname(s) **Anca Andreica**  
E-mail anca@cs.ubbcluj.ro  
Nationality romanian  
Date of birth May 4<sup>th</sup>, 1979  
Gender female

### Work experience

Dates	February 2016 - present
Occupation or position held	Head of Department
Main activities and responsibilities	managerial activities
Name and address of employer	Department of Computer Science "Babeş-Bolyai" University Kogalniceanu 1, Cluj-Napoca
Type of business or sector	education
Dates	March 2016 - present
Occupation or position held	professor
Main activities and responsibilities	teaching and research activities
Name and address of employer	Department of Computer Science "Babeş-Bolyai" University Kogalniceanu 1, Cluj-Napoca
Type of business or sector	education
Dates	April 2014 – February 2016
Occupation or position held	associate professor
Main activities and responsibilities	teaching and research activities
Name and address of employer	Department of Computer Science "Babeş-Bolyai" University Kogalniceanu 1, Cluj-Napoca
Type of business or sector	education
Dates	March 2008 – March 2014
Occupation or position held	lecturer
Main activities and responsibilities	teaching and research activities
Name and address of employer	Department of Computer Science "Babeş-Bolyai" University Kogalniceanu 1, Cluj-Napoca
Type of business or sector	education
Dates	March 2002 – February 2008
Occupation or position held	teaching assistant

Main activities and responsibilities	teaching and research activities
Name and address of employer	Department of Computer Science "Babeş-Bolyai" University Kogalniceanu 1, Cluj-Napoca
Type of business or sector	education

## Education and training

Dates	June 2015
Title of qualification awarded	Habilitation in Computer Science
Principal subjects/occupational skills covered	research
Name and type of organisation providing education and training	Department of Computer Science "Babeş-Bolyai" University Kogalniceanu 1, Cluj-Napoca
Dates	October 2002 – November 2007
Title of qualification awarded	PhD in Computer Science
Principal subjects/occupational skills covered	research
Name and type of organisation providing education and training	Department of Computer Science "Babeş-Bolyai" University Kogalniceanu 1, Cluj-Napoca
Dates	October 2001 – June 2002
Title of qualification awarded	MA in Computer Science
Principal subjects/occupational skills covered	research
Name and type of organisation providing education and training	Department of Computer Science "Babeş-Bolyai" University Kogalniceanu 1, Cluj-Napoca
Dates	October 1997 – June 2001
Title of qualification awarded	BA in Computer Science
Principal subjects/occupational skills covered	programmer
Name and type of organisation providing education and training	Department of Computer Science "Babeş-Bolyai" University Kogalniceanu 1, Cluj-Napoca
Dates	June 2014
Title of qualification awarded	Graduation certificate
Principal subjects/occupational skills covered	Project Manager
Name and type of organisation providing education and training	Smart Projects Society, Bucharest
Dates	March – April 2011
Title of qualification awarded	Graduation certificate
Principal subjects/occupational skills covered	Trainer
Name and type of organisation providing education and training	SC Learn&Vision, Cluj-Napoca

Dates | October – November 2011  
 Title of qualification awarded | Graduation certificate  
 Principal subjects/occupational skills covered | Communication  
 Name and type of organisation providing education and training | SC Learn&Vision, Cluj-Napoca

**Personal skills and competences**

Mother tongue(s) | **Romanian**

Other language(s)

Self-assessment  
*European level (\*)*

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user

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

Social skills and competences

- ability to adapt to multi-cultural environments, acquired during the research stages performed abroad (Switzerland, Austria, Germany, Italy, Hungary)
- team spirit, given by the working experience with colleagues within research teams
- communication skills acquired during my teaching and research activities

Organisational skills and competences

- leadership, experience in project management
- planning skills
- time management

Artistic skills and competences

- web design, logos, flyers – competences acquired due to the development of web applications for universities in Europe, national and international research projects, conferences, film festivals
- photography (2010 “ArtImage” diploma)

**Additional information**

Research Interests

optimization, artificial intelligence, data mining, complex networks, cellular automata

Teaching activity

Business Intelligence (2014 - present)  
 Data Mining (2009 - present)  
 Computer Architecture (2001 - present)  
 Deductive Databases (2010 - present)  
 Computer Graphics (2011 - 2014)  
 Mathematical Basis of Computers (2001 - 2002)  
 Databases (2002)  
 Operating Systems (2001 - 2010)

## Research Grants

PN-III-P2-2.1-BG-2016-0447: Decision Support Solution for Risk Management and Customer Attrition at BT Direct (project director, 2016-2018)

POC 2014-2020: Imaging-Based, non-invasive diagnosis of persistent atrial fibrillation (research group coordinator, 2016-2020)

PNII-RU-TE-2014-4-1130: Novel approaches to Cellular Automata with applications in medical image segmentation (project director, 2015-2017)

DAAD Grant: Computational Intelligence Models for Community Detection in Complex Networks (TU Dortmund University, Germany, 2013)

Swiss Confederation Grant: New Biologically Inspired Metaheuristics, Techniques and Algorithms with Applications in Artificial Intelligence, Bioinformatics and Engineering (Fribourg, Switzerland, 2006-2007)

CNCSIS Grant: Emergence, Auto-Organization and Evolution: New Computational Models in the Study of Complex Systems, 2010-2013 (member)

CNCSIS Grant: New Natural Computation Models for the Study of Complexity and Solving Complex Problems, 2007-2010 (member)

CNCSIS Grant: Nature Inspired Computational Models. New Paradigms and Metaheuristics. Real Applications, 2007- 2009 (member)

UBB Grant: Natural Computation. Applications for Bio/Nano Technologies and Bioinformatics, 2005-2007 (member)

CNCSIS Grant: Evolutionary Computation: New Paradigms, techniques and Evolutionary Algorithms. Applications for Optimization and Artificial Intelligence, 2004-2006 (member)

Cluj-Napoca  
October 23rd, 2017