PERSONAL INFORMATION

Anca Andreica

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Romanian nationality

WORK EXPERIENCE

September 2024 – present

Head of the Institute for Doctoral Studies

"Babeş-Bolyai" University, Kogălniceanu 1, Cluj-Napoca, http://www.ubbcluj.ro

- management activities

Type of business or sector: higher education

April 2020 – April 2024

Dean

Faculty of Mathematics and Computer Science
"Babeş-Bolyai" University, Kogălniceanu 1, Cluj-Napoca, http://www.cs.ubbcluj.ro

- management activities

Type of business or sector: higher education

December 2022 – present

Coordinator

Big Data & Bioinformatics subsection, Postgraduate Program for Bio-Behavioral Integrative Medicine (UBBMed),
"Babeş-Bolyai" University, Kogălniceanu 1, Cluj-Napoca, https://www.ubbcluj.ro/en/facultati/school_of_health

- management and research activities

Type of business or sector: higher education

May 2020 – present

Coordinator

"Metaheuristics for Complex Networks (MECO)" Research Group
Institute for Artificial Intelligence, Virtual Reality and Robotics
"Babeş-Bolyai" University, Kogălniceanu 1, Cluj-Napoca, https://www.cs.ubbcluj.ro/~meco/

- management and research activities

Type of business or sector: higher education

February 2016 – April 2020

Head of Department

Department of Computer Science, Faculty of Mathematics and Computer Science
"Babeş-Bolyai" University, Kogălniceanu 1, Cluj-Napoca, http://www.cs.ubbcluj.ro

- management activities

Type of business or sector: higher education

February 2012 – present

Member of the Faculty Board

Faculty of Mathematics and Computer Science
"Babeş-Bolyai" University, Kogălniceanu 1, Cluj-Napoca, http://www.cs.ubbcluj.ro

- activities of elaborating the internal norms and regulations of the faculty

Type of business or sector: higher education

February 2016 – April 2020

Member of the Commission for Education Quality Assurance

Board of Faculty of Mathematics and Computer Science
"Babeş-Bolyai" University, Kogălniceanu 1, Cluj-Napoca, http://www.cs.ubbcluj.ro

- activities of ensuring the quality of the educational process

Type of business or sector: higher education

Februariy2016 – April 2020

Member of the Board of the Department of Computer Science

Department of Computer Science, Faculty of Mathematics and Computer Science
"Babeş-Bolyai" University, Kogălniceanu 1, Cluj-Napoca, http://www.cs.ubbcluj.ro

- activities of elaborating the internal norms and regulations of the department

Type of business or sector: higher education

March 2016 - present

Professor

Department of Computer Science, Faculty of Mathematics and Computer Science

"Babeş-Bolyai" University, Kogălniceanu 1, Cluj-Napoca, http://www.cs.ubbcluj.ro

- teaching and research activities

Type of business or sector: higher education

April 2014 – February 2016

Associate professor

Department of Computer Science, Faculty of Mathematics and Computer Science

"Babeş-Bolyai" University, Kogălniceanu 1, Cluj-Napoca, http://www.cs.ubbcluj.ro

- teaching and research activities

Type of business or sector: higher education

March 2008 – March 2014

Lecturer

Department of Computer Science, Faculty of Mathematics and Computer Science

"Babeş-Bolyai" University, Kogălniceanu 1, Cluj-Napoca, http://www.cs.ubbcluj.ro

- teaching and research activities

Type of business or sector: higher education

March 2002 – February 2008

Teaching assistant

Department of Computer Science, Faculty of Mathematics and Computer Science

"Babeş-Bolyai" University, Kogălniceanu 1, Cluj-Napoca, http://www.cs.ubbcluj.ro

- teaching and research activities

Type of business or sector: higher education

January 2024 - present

Member of ARACIS Council

Romanian Agency for Quality Assurance in Higher Education, B-dul Schitu Măgureanu 1,

sector 5, București, http://www.aracis.ro

- Evaluation and quality assurance in higher education in Romania

Type of business or sector: evaluation and quality assurance in higher education

June 2019 - present

ARACIS expert evaluator

Commission for Exact Sciences and Natural Sciences, Computer Science

Romanian Agency for Quality Assurance in Higher Education, B-dul Schitu Măgureanu 1,

sector 5, București, http://www.aracis.ro

- Evaluation and quality assurance in higher education in Romania by participating, as a member of the team of evaluators, in the evaluation process of study programs in the field of Informatics

Type of business or sector: evaluation and quality assurance in higher education

May 2023 - present

National Scientific and Ethical Council in Artificial Intelligence member

Romanian Committee for Artificial Intelligence

Ministry of Research, Innovation, and Digitalization

- Scientific counseling and guidance on the responsible and ethical use of artificial intelligence.

Type of business or sector: scientific and ethical counseling for the Romanian Government

EDUCATION AND TRAINING

June 2015

Habilitation in Computer Science

Institute for Doctoral Studies

“Babeş-Bolyai” University, Kogălniceanu 1, Cluj-Napoca, http://www.ubbcluj.ro

- PhD supervision in the field of Computer Science

October 2002 - November 2007

PhD in Computer Science

Institute for Doctoral Studies

“Babeş-Bolyai” University, Kogălniceanu 1, Cluj-Napoca, http://www.ubbcluj.ro

- Research

October 2001 - June 2002

MA in Computer Science

Department of Computer Science, Faculty of Mathematics and Computer Science

“Babeş-Bolyai” University, Kogălniceanu 1, Cluj-Napoca, http://www.cs.ubbcluj.ro

- Programming

October 1997 - June 2001

BA in Computer Science

Department of Computer Science, Faculty of Mathematics and Computer Science

“Babeş-Bolyai” University, Kogălniceanu 1, Cluj-Napoca, http://www.cs.ubbcluj.ro

- Programming

September 1993 - June 1997

Highschool diploma

Gheorghe Șincai Highschool

Gheorghe Şincai Street, 25, Baia Mare, http://www.sincaibm.ro/

CERTIFICATES

April 2024

Graduation certificate

Romanian American Foundation - Harvard Graduate School of Education

- University Leadership Program

November 2023

Graduation certificate

Romanian American Foundation - Babson College

- Success in Entrepreneurship Ecosystem Development Program

October 2020

Graduation certificate

Informatics Europe

- Informatics Europe Academic Leadership Development Course

October 2018

Graduation certificate

Romanian Academy, partner in the SIPOCA project "Development of the Ministry of National Education's capacity to monitor and forecast the evolution of higher education in relation to the labor market."

- Training course in university management improvement

June 2014 **Graduation certificate**

Asociația Smart Projects, București, http://www.fii-activ.ro/

- Project manager

March 2011 – April 2011 **Graduation certificate**

SC Learn&Vision, Cluj-Napoca, http://www.asociatialearnandvision.ro/

- Trainer

March 2011 – April 2011 **Graduation certificate**

SC Learn&Vision, Cluj-Napoca, http://www.asociatialearnandvision.ro/

- Communication

PROJECTS

2023 - 2025 **I3-2022-CAP2b (Capacity Building Strand 2b)**

Boosting Interregional Innovation Investment and cooperation among Health Innovation EcoSystems (I3HIES)

- EU funding programme for interregional collaboration
- **UBB partner coordinator**

2023 - 2027 **Digital Europe Programme 2022**

Artificial Intelligence for Connected Industries (AI4CI)

- EU funding programme focused on bringing digital technology to businesses, citizens and public administrations
- UBB partner team member

2023 - 2027 **Digital Europe Programme 2022**

Specialised Education Programmes in Cybersecurity and Robotics (SPECTRO)

- EU funding programme focused on bringing digital technology to businesses, citizens and public administrations
- UBB partner team member

2021 - 2024 **Grant PN-III-1.2 PFE-CDI-550**

The academic research network of excellence STAR-UBB

- Institutional development projects – Projects for financing excellence in CDI
- **Virtual Labs center scientific coordinator**

2021 - 2023 **Grant POC/163/1/3/121004**

Software platform for predicting the future evolution of some indicators from commercial processes, based on big data and data mining

- Innovative Technological Project
- Team member

2021 **Grant SIPOCA/SMIS2014+ 16**

Improving public policies in higher education and increasing the quality of regulations by updating quality standards QAFIN

- expert in coordinating the activity regarding the implementation of the evaluation methodology of higher education institutions for the purpose of classifying universities and ranking study programs and drawing up the report on the online exercise/testing for the classification of universities and ranking of study programs

2020 - 2022 **Research grant PN-III-P2-2.1-PED-2019-2607**

Integrated decision support system for quality assurance in breast cancer screening based on European guidelines (QAScreen)

- Experiments and Demonstration Projects
- **Project director**

2017 - 2018 **Research grant POC-A1-A1.2.1-C-2015-P_38_862**

ADSERVISTA – Artificial Intelligence powered Contextual Advertising engine

- Project for innovative start-up and spin-off enterprises
- Team member

2016 - 2020 **Research grant POC-A1-A1.1.4-E-2015-P_37_245**

Imaging-Based, non-invasive diagnosis of persistent atrial fibrillation (imATFIB)

- Research-development project for attracting staff with advanced skills from abroad
- **Computer Science team coordinator**

2016 - 2018 **Research grant PN-III-P2-2.1-BG-2016-0447**

Decision Support Solution for Risk Management and Customer Attrition at BT Direct

- Project for knowledge transfer to the economic agent
- **Project director**

2015 - 2017 **Research grant PNII-RU-TE-2014-4-1130**

Novel approaches to Cellular Automata with applications in medical image segmentation

- Research project to stimulate young independent teams
- **Project director**

2014 - 2015 **Project POSDRU/161/2.1/G/138033**

Increasing employability opportunities through successful internship (PRACT-IT)

- Project for human resources development
- **Project manager**

2014 - 2015 **Project POSDRU/157/1.3/S/133900**

Improving teachers who teach Romanian in pre-university education in assessing students' communication skills

- Project for human resources development
- IT expert, ICT trainer

2012 - 2014 **Project POSDRU/87/1.3/S/63909**

Improving teachers in pre-university education who teach Romanian to national minorities

- Project for human resources development
- IT expert, ICT trainer

2013 **Project POSDRU/87/1.3/S/63471**

Continuing Education of Teaching Staff in Hearing Impaired Educational Units: Development of pedagogical skills through the use of Romanian Mimic-Gesture Language and ICT tools

- Project for human resources development
- ICT trainer

2010 - 2013 **Research grant PN-II-RU-TE-2009-320**

Emergence, Auto-Organization and Evolution: New Computational Models in the Study of Complex Systems

- Research project to stimulate young independent teams
- Team member

2007 - 2010 **Research grant CNCSIS Partnerships**

New Natural Computation Models for the Study of Complexity and Solving Complex Problems

- Team member

November 2026

