



Adrian Roman



europass

WORK EXPERIENCE

02/2022 – CURRENT Tg. Mures, Romania

University teaching assistant "George Emil Palade" University of Medicine and Technology

01/2021 – CURRENT

Product manager Tadam Digital Lab

01/01/2021 – 30/05/2021

Project manager Amplusnet

08/2003 – 12/2020 Tg.Mures, Romania

Project manager and Managing partner Amplusnet

08/2004 – 09/2012 Tg.Mures, Romania

Teaching assistant Petru Maior University

06/2002 – 07/2003 Bucharest, Romania

Software developer Teamnet International

05/2001 – 07/2002 Tg.Mures, Romania

Programmer Infopulse

EDUCATION AND TRAINING

09/2021 – CURRENT

PhD Student "George Emil Palade" University of Medicine, Pharmacy and Biology

Thesis Contributions to Utility-Preserving Data Privacy (Supervisor: Prof. Dr. Genge Bela)

2023

Professional Course: IBM Machine Learning Professional Certificate

- Exploratory Data Analysis for Machine Learning
- Supervised Machine Learning: Regression
- Supervised Machine Learning: Classification
- Unsupervised Machine Learning
- Deep Learning and Reinforcement Learning
- Machine Learning Capstone

2022 – 2023 Romania

e-Media Specialist - COR 251303 "George Emil Palade" University of Medicine and Technology

Digital competences in the use of e-learning platforms

2006 – 2010

PhD Student (No Thesis) Babeş-Bolyai University, Faculty of Mathematics and Computer Science

Address Thesis: Software Metrics for Project Management (Supervisor: Prof. Dr. Milon Frunza)
Project Management

2002 – 2003

Master of Science Degree Politechnical University

Address Department of Engineering Sciences, Master of Business Administration

1997 – 2002 Bucharest, Romania

Bachelor of Science Degree Politechnical University

Address Department of Engineering Sciences (English Stream), Major: Computer Science, Bucharest, Romania

1992 – 1997 Tg.Mures

Baccalaureate Diploma Al Papiu Ilarian National College

PUBLICATIONS

2023

Evaluating the Privacy and Utility of Time-Series Data Perturbation Algorithms

Mathematics 2023, 11, 1260

2023

E-APTDetect: Early Advanced Persistent Threat Detection in Critical Infrastructures with Dynamic Attestation

Applied Sciences 13, no. 6: 3409

2023

Dynamic Utility-Improving Time Series Data Perturbation Framework

Inter-Eng 2022. Lecture Notes in Networks and Systems, vol 605. Springer, Cham.

2021

Privacy-preserving tampering detection in automotive systems

Electronics 2021, 10(24), 3161.

2008

Towards Building Software Project Telemetry Tools

ISSN: 1844-2048, p.731-734

Proceedings of the International Conference "European Integration Between Tradition and Modernity"

2008

Proposed Architecture for Software Telemetry Systems

Proceedings of the National Symposium ZAC 2008, ISBN: 978-973-610-730-6, p.31-37

2000

The Relaxation of the Fundamental Conditions of Scientific Visualization Using Equivalence Classes

Studia Univ. "Babes-Bolyai", Informatica, Volum XLV, Numarul 1, 2000

2000

3D Terrain Reconstruction Using Scattered Data Sets

Studia Univ. "Babes-Bolyai", Informatica, Volum XLV, Numarul 1, 2000

1999

A Component Based Approach For Scientific Visualization of Experimental Data

CERTIFICATIONS

09/2005

Microsoft Certified Application Developer (MCAD)

Developing XML Web Services and Server Components with Microsoft Visual C# .NET and the Microsoft .NET Framework

09/2005

Microsoft Certified Solution Developer (MCSD)

Open University - United Kingdom

03/2002

ISEB Certificate for Project Management

Designing and Implementing Databases with Microsoft SQL Server 7.0 (MCP ID#: 2511231)

10/2001

Microsoft Certified Professional (MCP)

LANGUAGE SKILLS

MOTHER TONGUE(S): Romanian

OTHER LANGUAGE(S): English | French