



Anikó Kopacz

WORK EXPERIENCE

 **Babeş-Bolyai University** – Cluj-Napoca, Romania

Assistant lecturer

[29/09/2025 – Current]

- Formal languages and compiler techniques, Artificial Intelligence.

 **Babeş-Bolyai University** – Cluj-Napoca, Romania

University research assistant

[02/07/2025 – Current]

- Project: “Romanian Hub for Artificial Intelligence - HRIA”, Smart Growth, Digitization and Financial Instruments Program.

 **Connatix** – Cluj-Napoca, Romania

Machine Learning Engineer

[02/10/2023 – 26/09/2025]

- Designing and delivering proof of concepts for ad-tech, key projects: bid price optimization, traffic shaping.
- Responsible for implementing new features and maintaining deep machine learning model using TensorFlow.
- Hands on experience with the Elastic Stack and monitoring business metrics using Kibana.

 **Babeş-Bolyai University** – Cluj-Napoca, Romania

University research assistant

[11/2022 – 01/2023]

- Project: Promoting Sustainability as a Fundamental Driver in Software Development Training and Education (Sustainable).

 **Babeş-Bolyai University** – Cluj-Napoca, Romania

University teaching assistant

[01/10/2021 – 31/05/2024]

- Computational Logic, Formal languages and compiler techniques, Artificial Intelligence.

 **Bitdefender** – Cluj-Napoca, Romania

Security Researcher

[07/2021 – 10/2023]

- Responsible for developing a stand-alone component in Python which focused on extracting features from large semi-structured data sets and targeting outlier identification.
- Analyzing customer data and delivering robust features to enhance network threat prevention.

 **Széchenyi István University** – Győr, Hungary

Research Engineer

[09/2020 – 03/2021]

- Participated in a research project investigating the efficiency of machine learning approaches for the train rescheduling problem.
- Implemented reinforcement learning based approaches to handle the navigation and scheduling of multiple trains.

 **Nokia Solutions and Networks Kft** – Budapest, Hungary

Software developer

[07/2017 – 09/2017]

- Tasked with designing and developing a system based on unsupervised machine learning with the goal of improve customer satisfaction.

EDUCATION AND TRAINING

PhD in Computer Science

Babeş-Bolyai University [2021 – Current]

City: Cluj-Napoca | Country: Romania

MSc in Data Analysis and Modeling

Babeş-Bolyai University [2018 – 2020]

City: Cluj-Napoca | Country: Romania

BSc in Computer Science

Babeş-Bolyai University [2015 – 2018]

City: Cluj-Napoca | Country: Romania