BÁLINT GYARMATHY

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EXPERIENCE

Student Developer
Ericsson

📅 March 2020 – September 2021

- Developed Machine/Deep learning based solutions
- Data collection and visualization using InfluxDB and Grafana
- Log analysis and classification

Teaching Assistant
Eötvös Loránd University

📅 September 2021 – January 2022

- Held practice sessions for the Principles of Artificial Intelligence subject
- Topics included were classical AI, Machine Learning and Deep Learning

Student Researcher
Eötvös Loránd University

📅 November 2018 – June 2022

- Part of the Machine Learning for Software Engineering research group at Eötvös Loránd University
- Working on example-based neural program synthesis methods

Backend Developer
CoinCash

📅 October 2021 – ongoing

- Moving infrastructure to AWS
- Developing microservices in Python using FastAPI
- Automation of Web3 transaction handling
- Developing libraries for easier integration AWS and internal services

PUBLICATIONS

Flexcoder: Practical Program Synthesis with Flexible Input Lengths and Expressive Lambda Functions

ICPRAM 2021

Flexible Example-Based Program Synthesis on Tree-Structured Function Compositions

Springer Nature Computer Science 2022

EDUCATION

BSc in Computer Science
Computer Science – Eötvös Loránd University

📅 Sept 2017 – June 2020

- Overall qualification: excellent

MSc in Computer Science
Artificial Intelligence specialization – Eötvös Loránd University

📅 Sept 2020 – June 2022

- Outstanding Student of the Faculty award
- Overall qualification: excellent

PROJECTS

Flexcoder
Eötvös Lorand University

- Research project about Deep Learning Assisted Program Synthesis
- Tech: Python, PyTorch, NLTK, LaTeX

ACHIEVEMENTS AND AWARDS

Nomination for the best student paper award
ICPRAM 2021

National Conference of Scientific Students' Associations 2nd place
2021

Conference of Scientific Students' Associations 1st place
2020