BÁLINT GYARMATHY

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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 – ongoing

- Outstanding Student of the Faculty award

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
- The subject includes practices about classical AI, Machine Learning and Deep Learning

Junior Backend Developer
CoinCash

📅 October 2021 – ongoing

- Moving infrastructure to AWS
- Developing microservices

Student Researcher
Eötvös Loránd University

📅 November 2018 – ongoing

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

PROJECTS

Flexcoder
Eötvös Lorand University

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

SOFT SKILLS

Learning Potential   Team Work   Organization   Flexibility   Professionalism   Responsibility
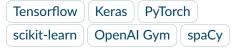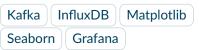
PROFESSIONAL SKILLS

Python ●●●●●
Git ●●●●○
Latex ●●●●○
Rust ●●●○○

STRENGTHS

- Development

Python   Numpy   Rust   PyO3   Docker   Git

- Machine/Deep Learning

Tensorflow   Keras   PyTorch   scikit-learn   OpenAI Gym   spaCy

- Data collection and Visualization

Kafka   InfluxDB   Matplotlib   Seaborn   Grafana

LANGUAGES

English ●●●●○
Hungarian ●●●●●

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

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