

BÁLINT GYARMATHY

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Budapest, Hungary

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

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

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

PROJECTS

Flexcoder

Eötvös Loránd 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