




# Mátyás Schubert

Artificial Intelligence student

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 1997.07.23



I am a MSc Artificial Intelligence student at the University of Amsterdam. My main interests include using deep learning and machine learning methods in creative ways, such as in reinforcement learning, evolutionary computing, or causality. My studies in computer science and my experience as a software developer thought me to value clean and maintainable code, and strive for software craftsmanship. I consider myself a quick learner who is not afraid of taking responsibilities or asking questions when working in a team.

## Education

### **Toldy Ferenc Gimnázium - High School**

2010.09 – 2016.06

High school education with mathematics faculty. Graduated on advanced level in Mathematics and Informatics.

### **Eötvös Lóránd University (ELTE) – Bachelor of Science**

2016.09 – 2020.02

Bachelor of Science in Computer Science. Classification of the qualification: *outstanding*.

### **Vrije Universiteit Amsterdam (VU) – Exchange Student**

2018.09 – 2019.01

Spent one semester as an exchange student with the Erasmus Programme.

### **University of Amsterdam (UvA) – Master of Science**

2020.09 –

Master of Science in Artificial Intelligence.



## Experience

### Software Developer at Ericsson

2019.06 – 2020.08

As part of a continuous integration and continuous delivery team, my responsibilities included managing developer environments (Linux and Docker), constructing various test and build pipelines (Jenkins/Job DSL), and developing a deployment software for complex cloud-based applications (Python, Ansible and Openstack).

### Teaching Assistant at the University Of Amsterdam

2021.11 – 2022.02

I was a teaching assistant for the Natural Language Processing 1 course in the Msc AI programme of the UvA, which is an introductory course of NLP. As a TA my responsibilities included running the lab sessions, where students can ask questions regarding the content of the course, and grading assignments and exams.



## Projects

### Tracerface

As part of my bachelors thesis, I developed an [interactive visualisation app](#) for BCC trace, a toolkit to trace the inner workings of applications during their runtime.

### BIG-bench

I took part in the creation of the [BIG-bench](#) collaborative benchmark challenge. I contributed to three tasks and took active responsibility in the design of a task in which agents must reason in out-of-distribution, fantasy settings.



## Development Tools

Python - Experience with data-driven frameworks such as NumPy, PyTorch, matplotlib and Dash



Bash - Confident with Linux systems, able to use shell commands



- Able to write scientific reports with LaTeX and documentation using Markdown
- Daily use of development tools such as Git and Docker



## Languages

Hungarian - Native Language



English - C1/Fluent



Dutch - A2/Passive

