



Ábel Domonkos Sáfrán

Date of birth: 04/12/2000

Citizenship: Hungarian

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Education

10/2022 – Present

University— Technical University of Munich

- Informatics (full-time, MSc)
 - Specialized in Machine Learning and Data Analytics

09/2019 – 07/2022

University—Eötvös Loránd University (ELTE), Budapest

- Informatics for Computer Programming (full-time, BSc)
 - Specialization in modeling informatics
 - Final Grade: Good (Second best on a scale of 5)

2015 – 2019

High School—Városmajori High School, Budapest

- President of the Students Union (2018/19)
 - Honorary Medal for Students Society (Talpra Major!)
- A Levels with excellent grades

Work experience

11/2023 – Present

Software Working Student

- [Orbem](#), Munich, Germany

02/2022 – 06/2022

Tutor (Programming basics for pupils) and Game programmer

- [Logiscool](#), Budapest/Szentendre, Hungary

02/2020 – 06/2021

Tutor - Programming basics for pupils

- [Logiscool](#), Budapest, Hungary

Qualifications

Professional Projects

Experiences at Orbem:

- Python, DevOps, VCS (GitLab) on a large scale, CI/CD pipelines, Proxmox, PLC programming, VMs, MRI Software

University Projects

Technical University of Munich

- Practical Course: **Legal Natural Language Processing Lab**
 - Experience: Python, Legal NLP, Prompt Optimization, Presentation, Research, Bert, LLMs

- Project for the course: **Advanced Topics of Software Engineering**
 - Experience: Spring Boot, GitLab, AWS, BASH Scripting, CI/CD, Python, Raspberry Pi
- Practical Course: **Machine Learning in Crowd Modeling & Simulation**
 - Experiences: Python, Research, Bifurcations, Diffusion Maps, Cellular Automata, Crowd modeling
- Interdisciplinary Project at Visonation (visonation.com): **Automated Interior Design by a Genetic Algorithm**
 - Experience: C++, Unreal Engine, Genetic Algorithms, Research
- **TUM Future Learning Initiative Award 2023**
 - Experience: Education, Pitching, Idea development
 - My idea: **Engaging Lectures**
 - More: <https://www.tum.de/future-learning>

ELTE University

- **Bachelor Thesis**
 - Experience: Full Stack Web Development, Git, GitLab, CI pipelines, (Object-oriented) PHP, TypeScript, Bootstrap 5, MySQL
- Project for the course: **Software engineering**
 - Experience: QT, C++, Game Development, Git, GitLab
- Project for the course: **Tools for Software Development**
 - Experience: HTML5, CSS3, TypeScript, Git, CI, QUnit

Hobby projects

- **Personal website**
 - Experience: HTML5, CSS3, Three.js, JavaScript
- **Betting Web App** for Friendly Competition
 - Experience: PHP, JavaScript, Bootstrap 5

Soft Skills

- **Organizing:** High school events
- **Teaching:** Logiscool, Hegyvidék Municipality Internet Safety Program, Voluntary mathematics/informatics tutoring
- **Management:** Student Council presidency
- **Teamwork:** Orbem, University projects, Student Council

Languages

- **English: Advanced** (IELTS Band: 7.5, 2022)
- German: basic knowledge (currently studying)
- Hungarian: native language