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)
	o Specialized in Machine Learning and Data Analytics
09/2019 – 07/2022	**University**—Eötvös Loránd University (ELTE), Budapest
	▪ Informatics for Computer Programming (full-time, BSc)
	o Specialization in modeling informatics
	o 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)
	o 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, server management, VMs
University Projects	**Technical University of Munich**
	▪ Project for the course: **Advanced Topics of Software Engineering**
	o 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: Static web development, HTML5, CSS3, TypeScript, Git, GitLab, CI pipelines, QUnit
- Project for the course: **Test Automation**
  - Experience: Java, Automated UI Testing, Junit

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, the leadership of high school alumni
- **Teamwork**: Orbem, University projects, Student Council

Languages

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