

Student

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MARTIN LÉDL

PROFILE

I started programming at the age of 13. When I was 15 years old I started making my first websites for clients as a full-stack developer. I love automating repetitive tasks and learning about how things around me work. If I am bored with any activity, I try to automate it.

Two years ago neural networks sparked my interest so I decided to lean into this field. Lately I've been diving into research papers about anything machine learning related and tried to reproduce some of the findings. This is how I was able to develop and train my own language models or image generation models. Sometimes I incorporate open-source AI models for various projects.

I am also very passionate about freelance projects such as websites and mobile applications. I even managed to publish my own app called Celbrate to the AppStore when I couldn't find a similar app which would suit my needs.

My past clients often appreciated my communication skills and reliability.

SKILLS

- Communication Skills
- Python
- PyTorch/Tensorflow
- Data Analysis & Visualization
- C/C++
- Web & iOS Development

Languages

- Czech (native speaker)
- English (C2)
- German and Russian (basic communication)

EMPLOYMENT HISTORY

Student Researcher at the Institute of Thermodynamics, Czech Academy of Sciences, Prague

Laboratory of Technical Mathematics

October 2024 – Present

- Originally started as an internship
- Designing neural network architectures for simulation of fluid flow and topological optimization
- Preparing an article for the Topical Problems of Fluid Mechanics 2026 conference to present our findings

Full-stack Web Developer / iOS Developer at Code 8, Prague

July 2022 – October 2024

- Frontend development for e-commerce, backend contributions and testing
- Lead iOS developer for an app for businesses

Freelance Full-Stack Web Developer

January 2017 – Present

- Often websites for presentation of commodities for sale
- Lately mostly websites for architectural and housing projects

EDUCATION

Master's Programme, Czech Technical University, Faculty of Information Technology, Prague

September 2025 – Present

Bachelor's Degree, Czech Technical University, Faculty of Information Technology, Prague

September 2022 – July 2025

- Graduated with Honours
- Bachelor's thesis awarded the Dean's Award

CERTIFICATES

English – C2 (Cambridge CAE)

January 2022

PORTFOLIO

Visit <https://ledl.dev/portfolio> to see my projects