

Timofei Seleznev

Computer Science Student

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EDUCATION

ETH Zürich, Bachelor of Science in Computer Science

09/2025 – 06/2028

- Relevant coursework: Linear Algebra, Discrete Mathematics
- Experience writing proofs and reading the proofs from my peers when working together

PROFESSIONAL EXPERIENCE

Software Developer Intern, Strato AG

06/2022 – 07/2022

- Developed a Python utility for asymmetric encryption and decryption
- Collaborated with a professional software engineering team using agile development workflows

PROJECTS

Computer Algebra System

- Planned and coordinated development in a small student team
- Implemented a top-down recursive descent parser in Rust
- Developed and optimised numerical algorithms used by the system

2D Chess

- Implemented game logic and graphical interface using Python and PyGame
- Redesigned internal data structures to improve runtime performance

Cross-Platform IDE

- Collaborated in a large team of students
- Implemented debugging functionality for C++ and Python
- Researched and compared different libraries to be used in the project

LANGUAGES

Russian

Bilingual proficiency

German

Bilingual proficiency

English

Full professional proficiency

French

Elementary proficiency

SKILLS

Programming languages

Java, Python, C++, Rust

Libraries

Pandas, NumPy, Matplotlib, PySide, PyGame

Tools

Git, GitHub Workflows, Unit Testing

Mathematics

Proof Writing, Applying theoretical concepts in practical tasks