

# Andrii Malyshev

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[github.com/andreymalyshev-de](https://github.com/andreymalyshev-de) | [andreymalyshev-de.github.io](https://andreymalyshev-de.github.io)

## EDUCATION

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### Technical University of Munich (TUM)

*B.Sc. Computer Science (3rd Semester)*

Munich, Germany

*Oct. 2024 – Present*

- **Relevant Coursework:** Introduction to Software Engineering (EIST), Databases, Algorithms & Data Structures, Computer Architecture.
- **Focus:** Backend Development and System Architecture.

### Niedersächsisches Studienkolleg

*University Preparation (T-Course: Technology/Math/CS)*

Hannover, Germany

*Apr. 2023 – Feb. 2024*

- Final Grade: 1.5

## EXPERIENCE

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### PixelComputer GmbH

*Working Student – Hardware & Software Installation*

Munich, Germany

*Oct. 2025 – Dec. 2025*

- Assisted in software configuration and system environment setup.
- Installed and configured operating systems (Windows/Linux) for client environments.
- Conducted technical error analysis and hardware assembly.

### Bestnote GmbH

*Private Tutor (STEM Subjects)*

Hannover, Germany

*May 2024 – Sep. 2024*

- Taught Mathematics and German to students aged 9 to 18.
- Translated complex technical concepts into accessible language, enhancing communication skills.

## PROJECTS

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### Personal Portfolio Website | *HTML5, CSS3, JavaScript*

Jan. 2026

- Designed and developed a responsive portfolio website to showcase academic and professional milestones.
- Implemented a custom grid layout and multi-language support (English/German/French).
- Optimized for mobile devices using CSS media queries and flexbox.

### Secure Memory Unit (SMU) Simulation | *C/C++, Computer Architecture*

Jun. 2025 – Aug. 2025

- Developed a Secure Memory Unit (SMU) as part of a CPU simulation within university curriculum.
- Implemented control logic, latency simulation, parity checks, and error injection tests.
- *Note: Code available upon request (private repository due to university regulations).*

## TECHNICAL SKILLS

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**Programming Languages:** Java, Python, C/C++, OCaml, SQL, HTML/CSS/JS

**Tools & Automation:** Git, REST APIs, Linux (WSL), Prompt Engineering (Basics)

**Languages:** German (C1), English (C1), Ukrainian (Native), Russian (Native), French (A2)