

Marcin Anforowicz

manforowicz.github.io

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- 3rd-year computer engineering undergraduate.
- Industry experience in: C, C++, Python, JavaScript, ESP-IDF, circuit design, GDB.
- Project experience in: Rust, Java, Typescript, SystemVerilog, Arduino, serial protocols.
- Native speaker of English and Polish.

EDUCATION

Bachelor of Science in Computer Engineering

2022 - Expected June 2026

Paul G. Allen School of Computer Science, University of Washington

- GPA: 3.90
- Key courses: Machine Learning, Systems Programming, Digital Design, Data Visualization, Security, Operating Systems, Distributed Systems, Networks.

EXPERIENCE

Software Engineering Intern — WiBotic

June 2024 - September 2024

- Wrote over 3000 lines of multithreaded firmware for a real-time [CAN-to-ethernet adapter](#).
- Developed a user-friendly fullstack web app for remotely configuring this adapter.
- Designed and built PCBs to power and test microcontrollers on a shared CAN bus.
- Created an integration test suite that caught bugs in a large embedded C++ codebase.

Computer Science Teaching Assistant — University of Washington

January 2025 - June 2025

- Led discussion sections and graded homework for CSE 351 (Hardware/Software Interface).
- Taught hundreds of students the basics of C, Linux, GDB, virtual memory, caching, etc.

Course Design Research Assistant — University of Washington

June 2025 - Present

- Helps develop a new course about concurrency with Prof. Tom Anderson.
- Designs auto-graded assignments to teach asynchronous programming.

PROJECTS

YouTube educator

2022 - Present

- [The "Just One More Paradox"](#) - Over 3M views. Programmatically animated [using Manim](#).
- [PCB Magnetorquer Prototype - Husky Satellite Lab](#) - Includes [optimization code I wrote](#).

Student organizations — University of Washington

2022 - Present,

- At UW Husky Flying Club, leads a team in building remotely-operated [aerial vehicles](#).
- Creates marketing websites that auto-deploy using GitHub continuous integration: [UW Competitive Programming Club \(code\)](#), [Husky Satellite Lab \(code\)](#), [personal site \(code\)](#).
- Lead a Husky Satellite Lab team to design and build [CubeSat radios](#).
- Competes on a University of Washington team in ICPC regionals.

Independent projects

2022 - Present

- Creates open source projects such as [Gday](#), a tool for encrypted peer-to-peer file transfer.
- Published an interactive Rust web assembly [simulation](#) on personal website.
- FCC-certified amateur radio operator.