Marcin Anforowicz

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- 3rd-year computer engineering undergraduate searching for a 2nd software internship.
- Industry experience in: C, C++, Python, JavaScript, ESP-IDF, circuit design, GDB.
- Project experience in: Rust, Java, Typescript, SystemVerilog, Arduino, serial protocols.
- Native language proficiency in: English, 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, Data Structures & Parallelism, 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 - Present**

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

PROJECTS

CSE Curriculum Designer — University of Washington **January 2025 - Present**

- Developing new concurrency course with Prof. Tom Anderson.
- Plans lecture content covering key concepts and helps design labs in Rust and C.

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.

Active hobbyist **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.