

Marcin Anforowicz

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- 3rd-year computer science 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

Computer Science — University of Washington

2022 - Expected June 2026

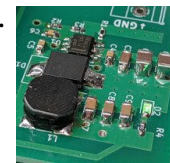
- GPA: 3.89
- Excelled in courses: Machine Learning, Systems Programming, Digital Design, Hardware-Software Interface, Computer Security, Operating Systems, Data Structures & Parallelism.

EXPERIENCE

Software engineering intern at [WiBotic](#)

June 2024 - September 2024

- Wrote over 3000 lines of multithreaded firmware for a [CAN-to-ethernet adapter](#).
- Developed a fullstack web app for configuring the CAN-to-ethernet adapter.
- Designed and built PCBs to power 64 microcontrollers on a shared CAN bus →
- Created a Python test suite that caught bugs in production firmware.
- Diagnosed and fixed major bugs in a large embedded C++ codebase.
- Used Python multithreading to accelerate a test analytics PDF report generator.



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](#).

Leader at student organizations — University of Washington

2022 - Present,

- At UW Husky Flying Club, leads a 4-person team in building remotely-operated aerial vehicles from foam composites. Teaches electronics, design, and implementation.
- Creates marketing websites that auto-deploy using GitHub continuous integration: [UW Competitive Programming Club \(code\)](#), [Husky Satellite Lab \(code\)](#), [personal site \(code\)](#).
- At Husky Satellite Lab, lead a team to design and build CubeSat radio [circuit boards](#).

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.
- Is an FCC-certified amateur radio operator. Experiments with WSPR, IRLP, and APRS.
- Has built 4 [remote-controlled aircraft](#), with onboard cameras and electronic payloads.

Competitive programmer

2021 - Present

- One of 900 programmers worldwide who qualified to USACO Gold in 2022.
- Competes on an ICPC team at the University of Washington's Competitive Programming Club.