Marcin Anforowicz

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- 3rd-year computer science undergraduate searching for a 2nd 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

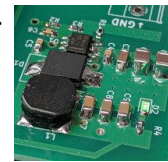**Computer Science — University of Washington**   **2022 - Expected June 2026**

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