

## Marcin Anforowicz

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- Extensive experience in: C, C++, Python, Rust, Java, SystemVerilog, Typescript, ESP-IDF, KiCad, Arduino, Godot, Kdenlive, Eleventy, CAN bus.
- Native language proficiency in: English, Polish.

## EDUCATION

### Computer Science — University of Washington

Expected to receive B.S. on June 2025

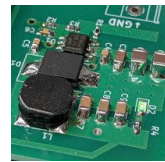
- GPA: 3.89
- Excelled in courses: Machine Learning, Systems Programming, Digital Design, Hardware-Software Interface, Software Design & Implementation, Data Structures & Parallelism.
- Entered university 2 years early as one of 30 students accepted to the UW Academy.

## EXPERIENCE

### Engineering Intern at [WiBotic](#)

June 2024 - September 2024

- Wrote over 3000 lines of firmware for an embedded [CAN-to-ethernet adapter](#).
- Designed and built PCBs to power 64 microcontrollers on a shared CAN bus →
- Created a Python test suite to find bugs in charger CAN bus functionality.
- Used multithreading to accelerate the generation of wireless charging reports.



### 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, build techniques, and basic aerodynamics.
- 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

- Enjoys making open source projects such as [Gday](#) (work in progress), 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](#).