

Evan Strohman

Software Engineering Intern

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Education

2019-2023

High School Diploma - Woodside Priory School

2024-2028

PLANNED BS - Math & CS - Reed College

Experience

FIRST Robotics

2021-2023

Software Lead

In this position, I built a new codebase for my high school robotics team to accomodate a new drivetrain on our robot. I learned quickly and adapted to the WPILib API, worked with and taught a small team of underclassmen, and gained experience working in high-pressure situations.

Other Roles: Team Captain, Electronics Lead, Pneumatics Lead

Coursework

- Compilers - Independent Study
- Algorithms - Honors
- AP Computer Science
- AP Calculus BC

Programming

Java: ~10,000 lines

C++: ~1000 lines (mostly arduino)

C#: ~2,000 lines

Typescript: ~1,000 lines

Skills

Learn Quickly

Through robotics and coursework, I've learned how to learn by doing. I'm able to pick up concepts quickly and I know how to transfer that knowledge beyond the classroom.

Understand Deeply

Experience in Compilers class and Robotics has taught me how to work on a large code-base effectively. That ability comes from a deep and methodical understanding of the tech I'm working with.

Communication

Through my role as Robotics Team Captain, I've learned to communicate ideas and knowledge effectively, on both an individual and team-wide level.

Leadership

I've held several leadership roles on the school robotics team. I know how to be responsible for my own workload, how to settle disputes, and make hard choices under pressure.