ETHAN HANLON

Computer Science Student

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STRENGTHS

Type/JavaScript Swift Java SvelteKit React Git Python Cloud Leadership Experience Life Scout. BSA

EXPERIENCE

Software/EE Internship | Towa Industries, Inc.

📅 July 2022 - Ongoing 📍 Campbell, CA

- Played roles in software engineering, manufacturing, and testing operations.
- Programmed company shop and management system (https://shop.towatools.com) from scratch that has processed $12k in transactions

Front Desk Receptionist | Morgan Hill Bowl

📅 May 2021 - August 2022 📍 Morgan Hill, CA

- Sold lanes, handled cash, assisted with cleaning, and provided customer service.

EDUCATION

B.S. Computer Science | San Francisco State University

📅 Aug 2020 – Ongoing 📍 San Francisco, CA

- Chief Technology Officer of Fog City Rocketry. Created divisions for mechanical, avionics, and chemical with independent leadership to solve problems with efficient teamwork.

High School Diploma | Live Oak High School

📅 Aug 2016 – June 2020 📍 Morgan Hill, CA

- Won awards for top performance in Robotics, Winter Guard, and Marching Band.
- Founded the school's FIRST Robotics Competition team, which is still active today.
- Went to world championship for Winter Guard International and FIRST Robotics Competition.

PROJECTS

Towa Shop | 🌐

📅 July 2023 – Present

- Approx 15k SLOC system that manages frontend, database, payment, email, and order management.
- Processed more than $12K USD of transactions.

FRC Robot Code | ⬡ | 🌐

📅 Jan 2019 – March 2020

- Founded FRC Robotics Team (#7528), raised tens of thousands of dollars through organizations like NASA and Cisco.
- Led programming team through 2019 and 2020 FRC Seasons
- Used OpenCV and Limelight technologies to find key game objects.