

Ethan F. Hanlon

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Education

San Francisco State University

Bachelor of Science-*Computer Science*

San Francisco, CA | 08/2020 -Present

Live Oak High School

High School Diploma

Morgan Hill, CA | 08/2016-06/2020

Experience

Towa Industries, *Engineering Internship*

June 2022 – Present

- Created robust e-commerce platform (<https://shop.towatools.com>) from scratch using React, Azure, AWS, and Stripe. Handled over \$20K in USD transactions, parcel tracking, and log keeping.
- Made contributions in many aspects of the small business, from AI R&D projects to assisting with warehouse renovations.
- Participated in business negotiations with distributors and dealers.
- Represented business in trade shows in Santa Barbara and Las Vegas.

Fog City Rocketry at San Francisco State University, *CTO*

Aug 2023 – Present

- Structured team to create opportunities for students to work on advanced engineering projects and apply what they learned in school.
- Designed circuit for IMU flight computer. Wrote code for the IMU and created a Bluetooth-based remote-control terminal from scratch.
- Created website (<https://fogcityrocketry.com>) and deployed MediaWiki-based team wiki and Nextcloud-based filesharing services.

Morgan Hill Bowl, *Front Desk*

April 2021 – Aug 2022

- Sold bowling lanes to customers, rented/cleaned shoes, and handled customer service issues.
- Coordinated with coworkers, including mechanic, guest services specialist, and bouncer, to handle pinsetter machine issues and ensure guests were comfortable and having a good time.
- Handled and counted cash and credit transactions.

Civil & Campus Engagement

- Vice President of SF State Cybersecurity Club
- Founder of Live Oak FIRST Robotics Team
- Mentored at Lowell High School FIRST Robotics Team
- Life Scout, BSA

Skills

Technical Skills

- Proficient at a wide variety of programming languages, including Python, Java, C/C++, C#, and others.
- Extensive experience using project management tools like Git/GitHub and Notion.
- Experience with Linux, Docker, and VM systems.

Project Experience

- Extensive experience managing and contributing to open-source projects on GitHub.
- Experience integrating multiple complex systems together, like Azure and Stripe.
- Scripting to make tedious projects faster, like data generation.

Soft Skills

- Experience in running many aspects of small business.
- Skilled in business outreach and sales.
- Understanding of both technical and business operations language and communication.