Addison Schwarz

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EDUCATION

Santa Clara University   Santa Clara, CA

Bachelor of Science in Computer Science   Expected Graduation: June 2023

- Junior
- Software Emphasis

PROJECTS

Mech Alert

Discord bot written with the main purpose to notify the user via Direct Message once their specified keyboard product goes up for sale. Utilizes JavaScript with the discord.js module, an API that scrapes data from a website that aggregates group buy products, and SQLite for a localized database to store the information for who and when to send alerts to.

EXPERIENCE & VOLUNTEERING

Research and Development Assistant   January 2022 - Present

Santa Clara University | Santa Clara, CA

Create, implement, and maintain SQL based databases for Santa Clara University's public transportation app currently under development, PTHub, the purpose of which is to encourage students to use public services over rideshare apps and personal vehicles in order to cut down on CO_2 usage and waste.

Maker Lab Supervisor   January 2022 - Present

Santa Clara University | Santa Clara, CA

Provide open hours in the Maker Lab at Santa Clara University, allowing any students and faculty to come in and utilize any equipment they're trained on. Trained to know how to supervise others and use the various tools around the space, including 3D printers, laser cutters, vinyl cutters, power tools, and many other types of tech-related equipment.

Student Worker - STEM Information Desk   September 2021 - Present

Santa Clara University | Santa Clara, CA

Directly report to the building manager for the STEM buildings at Santa Clara University, completing any day to day tasks given, including creating various relevant items in the university's Maker Lab. In addition, I occupy the front desk to check visitors in for tours and answer questions about the STEM department from anyone passing by.

PROFICIENCIES

- **Programming Languages**
  - C, C++, HTML/CSS, JavaScript, Java, Python, ARM Assembly
- **Libraries & Tools**
  - NodeJS, Git/GitHub, MySQL/SQLite