Addison Schwarz

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EXPERIENCE

Computer Scientist - New Professional Program December 2023 - Current

NIWC Pacific | San Diego, CA

- Will complete two 3-month projects with different teams supporting various needs of the U.S. Navy
- **Project 1:** Developed a Python automation dashboard to start an open source 5G system and monitor connections.
- **Project 2:** Supporting a team doing various DevSecOps and SysAdmin tasks for currently deployed systems.

Software Engineer Intern June 2022 - August 2022

PowerSchool | Folsom, CA

- Replaced legacy code in C# to change the implementation of storing and displaying SQL integration errors.
- Changed data stored in pre-generated HTML to class fields and serialized it into a JSON object.
- Rendered the resulting JSON object on the client-side using TypeScript and a Polymer component.

EDUCATION

Santa Clara University Santa Clara, CA

Bachelor of Science in Computer Science Graduated in June 2023

PERSONAL PROJECTS

Mech Alert

github.com/addsch/mech-alert-bot

- Discord bot written in JavaScript with the discord.js module.
- Implements a web API for scraping keyboard group buy products, and stores data locally with SQLite.
- Notifies users via Direct Message once their specified keyboard product goes up for sale.

Subreddit Analyzer

github.com/addsch/subreddit-analyzer

- Python program that analyzes the top posts on any given Reddit page.
- Utilizes a UI dashboard that allows for inputting a subreddit name as well as date and time filters.
- Displays the number of top posts submitted by day of the week, time of day, top keywords, and title length.

PROFICIENCIES

- **Programming Languages**
  - Python, C#, TypeScript/JavaScript, C++
- **Libraries & Tools**
  - Git, SQL, Tkinter, NodeJS