ADDISON SCHWARZ

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EXPERIENCE

NIWC Pacific   *San Diego, CA*
Software Engineer   June 2024 – Present
- Working in a DevSecOps team to modernize and containerize a legacy system currently used by the U.S. Navy.
- Create pipelines to run repositories through cybersecurity scans to ensure compliance with cyber standards.
- Take cybersecurity findings and update codebase to mitigate any findings and verify changes work as intended.

Computer Scientist   December 2023 – June 2024
- Completed two 3-month projects with different teams supporting various needs of the U.S. Navy.
- *Project 1:* Developed a Python automation dashboard to start a 5G system and monitor connections.
- *Project 2:* Supported a team doing various DevSecOps and Software Engineering tasks for U.S. Naval systems.

PowerSchool   *Folsom, CA*
Software Engineer Intern   June 2022 – August 2022
- 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 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

Languages:
- Java, Python, C#, TypeScript/JavaScript, C++

Libraries & Tools:
- Git, Tekton, Docker, Kubernetes, Tkinter