

Tuliloa Pauga

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Skills

- Python | C/C++ | Java | Swift | HTML | CSS | JavaScript | Typescript | React | Angular | Next.JS | Prisma |
- Data Structures | Algorithms | Flask | SQL | Git | Docker

Experience

Data Analysis Assistant

ASU

Tempe, AZ 01/2024 - Current

- Carefully develop algorithms using python scripts to filter through and categorize third party data into respective databases.

SWE Intern

US Army Engineer Research and Development Center (ERDC) Tempe, AZ 05/2023 - Current

- Develop React web applications for third party clients utilizing Next.JS, hooks and TypeScript.
- Successfully bridge front-end and back-end development, establishing RESTful API endpoints, and ensuring secure database connectivity for data-driven applications.
- Expertise in Docker for streamlined consistent deployments across environments.

Web Development Intern

My Homework Rewards

Canada (Remote) 09/2022 - 12/2022

- Translated upper-level high school math curriculum from textbooks into web modules, utilizing HTML, CSS, JavaScript, and PHP for database integration.
- Diagnosed and repaired malfunctioning modules, ensuring seamless functionality and a smooth learning experience for users, delivering about 2 - 3 modules a week.

IT Technical Specialist

Ports America

Chandler, AZ 09/2022 - 05/2023

- Managed an office of 75 users, addressing OS and network issues while ensuring timely upgrades.

IT Support

Microsoft

Tempe, AZ 06/2021 - 07/2022

- Proficiently supported 8 - 10 individuals in 6-hour shifts, resolving technical issues on Mac and Windows OS.

Education

Bachelor of Science

ASU

Tempe, AZ 2020 - 2024

- Computer Science (Software Engineering)

Projects

Family Reunion Messaging App

- Creating an IOS/Android app involving messaging, calendar event and photo sharing, and live Samoan translation. Backend: Python/Flask | Frontend: Swift/Kanban.

CANSAT

- Leading a software team of students to compete globally in developing a python app. This app is a GUI which establishes a connection via XBee radios to a rocket and will showcase several graphs continuously being updated in real time displaying several elements being tracked by onboard sensors.

Movie Price Tracker

- Developed a Python script using the iTunes API for real-time movie price monitoring. Integrated SMS alerts for prices on sale.