

# Tuliloa Pauga

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## Skills

- Python
  - C/C++
  - HTML
- Flask
  - React
  - CSS
- Java
  - Next.js
  - Javascript

## Projects

### Family Reunion App

- Messaging app featuring calendar coordination, language translation, photo sharing and admin features.
- Built the backend using Flask (Python) and MongoDB as database.

### CANSAT Competition

- Lead the development of a data GUI in Python for a global rocketry competition.
- Interfaced with onboard radio systems to transmit and receive data, and dynamically update a live graph.

## Experience

Software Engineer Intern

May 2023 - Current

U.S. Army Engineer Research and Development Center (ERDC) , Champaign, Illinois

- Proficiently developed a React web application utilizing React.js, hooks, React Router, and TypeScript.
- Successfully bridged front-end and back-end development, collaborating on the NestJS (Express/Node.js) back-end, 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

September 2022 - December 2022

My Homework Rewards, Canada

- 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.

## Education

Bachelor of Science (B.S: Software Engineering - Arizona State University, Tempe, AZ

December 2024

## Additional Experience

### Ports America | IT Technical Specialist | Sept. 2022 - May 2023

- Oversaw a dynamic office environment for 50-75 users, addressing Windows OS issues, streamlining onboarding, and troubleshooting connectivity. Proficient in command-line solutions, managed hardware inventory, optimized resource allocation, and ensured timely upgrades.

### Microsoft | IT Support | June 2021 - July 2022

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

### Full-Time Missionary | Representative for the Church of Jesus Christ of Latter-Saints 2016 - 2018 , Anchorage, AK.