Makalapua Goodness

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Objective

I'm a full-time student actively seeking internships. I enjoy problem solving and helping a team to the best of my abilities to achieve our goals. My work experience ranges from hands-on farm work to maintenance and logistical testing on aircraft, which has equipped me with a practical and versatile skill set. I believe that on-the-job experience is the best way to develop skills, and my diverse skillset showcases my ability to quickly learn and contribute in dynamic environments.

Education

University of Washington, BS in Computer Science — Graduation date: June 2026
- **Coursework:** Hardware/Software Interface (C), Systems Programming (C/C++) Data Structures and Parallelism(Java), System and Software tools (Unix, VIM)

Seattle Central College, AS in Computer Science DTA/MRP — September 2022 - June 2024
- **Coursework:** Intro to Programming 1-3 (Python, Java)

American Public University, AS in Computer Applications — Oct. 2017 - Feb. 2022
- **Coursework:** Advanced Productivity Applications (Office Suite), Intro to Software Design, Intro to IT Writing

Experience

Logistics Test Team Manager, United States Air Force — Mar. 2020 – Mar. 2022
- Developed and sustained Test and Evaluation teams for maintenance manuals for a $44 billion acquisition program.
- Reviewed and revised multiple publications consisting of over 10,000 tasks.
- Key figure in incorporating procedures for aerial refueling boom inspection. Corrected/revised 19 discrepancies and increased mission capability of new asset.

Senior Maintenance Operation Controller, USAF - Okinawa, Japan — Sep. 2018 – Mar. 2020
- Managed a 27-person team responsible for maintenance and flying operations for the Air Force's largest combat fleet worth over $4.2 billion.
- Maintained and updated maintenance and operations data for upper management.
- Supported Pacific Air Force's sole MedEvac fleet. Assisted in the effort of saving 30+ lives.

Aircraft Fuels Systems Journeyman, United States Air Force — Mar. 2014 – Sep. 2018
- Advised, troubleshooted, and repaired aircraft fuels systems. Supervised and managed personnel within the Fuels System Team.
- Repaired mission critical fuel leak. Repaired part in 30 minutes saving 36 hours of estimated man hours

Projects

SnapShop Image Processing tool
- Developed a small program to apply various filters to JPEGs using convolution kernels for each pixel of an image.
- Tools Used: Jave, Eclipse IDE

Skills

Languages: C/C++, Java, Python
Technologies: GitHub, GitLab, Unix, VIM, GDB, Visual Studio Code, IntelliJ, Eclipse IDE
Skills: Supervisory experience, Problem Solver, Mechanical Experience, Hard Worker