

Objective

Experienced leader and technical expert with meticulous attention to detail and secret security clearance seeking a position in embedded systems hardware and firmware development and testing. Able to self-manage and research all questions that are not immediately resolvable during interactions with customers and peers. Extremely personable attitude towards customer service and conflict resolution.

Achievements

- Received Navy Achievement Medal for project management working over two months with a team of 10 people to complete a collective goal.
- Received top scores in administrative inspections to maintain ship certification for maintenance accountability.

Experience

Embedded Systems and Hardware Intern

Feb 2018 to Present

Apricity Consulting – Bend, OR

- Design custom PCBs to meet specific engineering requirements.
- Reverse engineer existing client designs to update products.
- Work daily with Autodesk applications including Eagle and Fusion 360.
- Write technical documentation to ensure efficient project handoffs with no re-work.
- Write custom firmware to achieve clients' vision.
- Meet with clients regularly for project status updates.

Electronics Technician

Dec 2016 to Present

United States Navy Reserve – Portland, OR

- Facilitate monthly training for twenty-two reservists on various naval subjects.
- Spend two weeks per year working on electronics with Puget Sound Naval Shipyard.
- Volunteer yearly at Portland Rose Festival in uniform to serve as a face for the Navy.

Lead Technician

Dec 2010 to Dec 2016

United States Navy - Yokosuka, Japan

- Lead thirteen personnel in day-to-day operations and systems maintenance onboard a US Naval destroyer.
- Maintained records and log-keeping for accountability of maintenance and systems use.
- Conducted weekly training of 50 personnel on efficiency in the performance of duties.
- Troubleshoot electrical malfunctions on highly sophisticated weapon and radar system.

Education

BS in Electrical Computer Engineering, Oregon State University

Expected Jun 2020

- Current GPA: 3.92/4.0
- Dean's List / Honor Roll: Winter 2017 – Present
- Relative Course Work:
 - System Design with Microcontrollers
 - Wireless Communication Networks (Spring 2020)
 - Antennas and Propagation
 - Operating Systems I
 - Microwave Design Techniques (Spring 2020)
 - Electronic Materials I

Electronics Technician Certification, United States Navy

Dec 2011

- Learned about weapons and radar systems on naval vessels.
- Learned troubleshooting theory.
- Learned circuit theory.

Hobbies

- Mountain Biking
- Rock Climbing
- Leatherworking
- Camping
- Running