



Alex Wittwer

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🎓 EDUCATION

B.A. Mathematics, *Portland State University*

2016 – 2020

🔧 PROFESSIONAL EXPERIENCE

Repair Technician, *L3HARRIS*

2022 – present

- Built and repaired high-voltage, high-amperage circuit breakers for U.S. Navy platforms.
- Lead implementations of numerous documentation overhauls, including improvements to work instructions and procedures leading to an increase in repair efficiency by up to 80%.

Multimedia Journalist, *East Oregonian Media Group, Willamette Week*

2020 – 2022

- Reported and photographed news, including breaking news, sports and feature stories, earning numerous first place awards for newspapers in photography and storywriting..

SMT Repair Technician, *Biamp*

2020 – 2021

- Conducted effective component-level diagnostics on challenging backlogged nonconformances, leading to over \$150,000 in discrete repaired value during the first month of employment.
- Improved SMT line efficiency by identifying incoming manufacturing defects and trends and providing guidance to assembly technicians on identifying faults before final assembly.

Cryptologic Technician, *United States Navy*

2012 – 2016

- Installed, tested, diagnosed, repaired, and upgraded critical RF and SIGINT and COMINT systems on US Navy vessels.
- Served as System Administrator for networked UNIX/Windows 2000 servers, overseeing IA, AD, account life-cycle management, and network security.

📁 PROJECTS

CV Builder 

12/2023

A fully-functional, bare-bones resume builder with React, TailwindCSS, and Vite. Hosted on Vercel with automatic update on github push

Pokemon Memory Card 

12/2023

A memory-card game using React, PokeAPI, TailwindCSS, Vite. Hosted on Vercel.

simpleCalc 

10/2023

A simple calculator web-application based on experience with finite state machine logic. Created with JavaScript, HTML, CSS and hosted on Github Pages.

🌐 LANGUAGES

JavaScript



HTML/CSS



🏠 ORGANIZATIONS

The Odin Project

2023 – present

- Assist learners in developing their skills in programming and web development.
- Contribute to an open-source curriculum and implement improvements to clarity, objectives, and cleaning up broken links