

VERONICA FOLTZ

(816) 729-1125 | Vfoltz1520@gmail.com | Honolulu, HI
veronica-foltz.github.io/portfolio

Professional Summary

Recent Computer Science graduate with strong academic foundation and hands-on project experience in full-stack development, optimization algorithms, and AI-powered applications. Skilled in HTML, CSS, JavaScript, Python, and SQL, with additional exposure to C++, Java, and Git. Blends technology, business, and psychology, with proven leadership, problem-solving, and adaptability. Seeking to contribute technical expertise and cross-functional communication skills to a forward-thinking tech team.

Technical Skills

- Programming: Python, JavaScript (React, Node.js), Java, C++, SQL, HTML, CSS
- Tools & Platforms: Git/GitHub, Vercel, Linux, FastAPI, Next.js
- Concepts: Algorithms, Databases, Full-Stack Development, Optimization, AI/ML fundamentals
- Professional: Project Management, Communication, Problem-Solving, Adaptability

Professional Experience

Trimble Equine Center | Stable Assistant | Dec 2024 – 2025

- Supported daily stable operations including feeding, hydration, and facility maintenance for horses.
- Ensured safety and welfare of animals through consistent monitoring and adherence to care routines.
- Collaborated with team members to complete time-sensitive tasks efficiently.

Stay-at-Home Parent | 2015 – 2025

- Managed household operations, scheduling, and budgeting with efficiency and cost awareness.
- Developed advanced problem-solving, adaptability, and time-management skills while balancing competing priorities.
- Coordinated logistics, activities, and educational planning, demonstrating organizational leadership.
- Applied technology to improve workflows using digital tools for scheduling and productivity.
- Strengthened conflict resolution, negotiation, and communication skills while managing diverse needs.

Certifications

- LPI Linux Essentials (Jan 2025)
- ITIL Foundation Certification (Mar 2025)

Projects

Smart Stable Scheduler

Developed a single-page web application (HTML/JS/CSS) with an interactive Gantt visualization and a constraint-aware scheduling algorithm using a greedy heuristic. Optimized for 100% on-time completion with extensible architecture for OR-Tools CP-SAT exact optimization. Deployed via GitHub Pages.

Brand-in-a-Box

Built an AI marketing asset generator (Next.js, TypeScript) leveraging Ollama/OpenAI APIs for copywriting and a multi-provider image pipeline. Reduced campaign drafting time from minutes to seconds. Deployed on Vercel.

Education

- Bachelors in Computer Science | Western Governors University | Sept 2025
- Masters in Business Administration (MBA) | Ottawa University | 2012
- Bachelors in Developmental Psychology | University of Kansas | 2010