

Jacob Fonger

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Education

Utah State University

Bachelor of Science, Computer Science

Logan, UT

07/2021 - 04/2025

Work Experience

Builds by Steve LLC

Full Stack Developer & Construction Contractor

Colorado Springs, CO

08/2025 - Present

- Developed and deployed a full stack portfolio platform using Next.js, React, TypeScript, and Vercel to showcase projects and manage client inquiries.
- Implemented responsive UI components and optimized application performance, accessibility, and SEO across desktop and mobile devices.
- Managed source control, feature development, and production deployments using Git and GitHub-based workflows.
- Oversaw residential construction projects including planning, budgeting, scheduling, and execution while coordinating with clients and subcontractors.

Go West Camps

Rock Climbing Instructor

Colorado Springs, CO

04/2025 - 07/2025

- Instructed children (ages 5-14) in rock climbing fundamentals including safety protocols, climbing techniques, and proper equipment use.
- Trained and mentored fellow staff members on rock climbing basics to ensure a safe environment for all participants.

Elko County Fire Protection District

Seasonal Wildland Firefighter

Elko, NV

05/2023 - 08/2024

- Developed and communicated effective fire suppression tactics, ensuring proper execution by the crew and adjoining forces in high-risk situations.
- Demonstrated and developed leadership skills by successfully completing the Type 1 Firefighter Squad Boss task book.

FedEx Ground

Package Handler

Logan, UT

09/2022 - 04/2024

- Coordinated with a large team to sort and organize packages and trained new employees to work safely and efficiently.

Projects

ANTE AI - Poker Tutor

05/2025

- Developed an interactive AI-powered poker tutor using Python and OpenAI's API to teach foundational concepts such as hand rankings and strategy.
- Developed a modular codebase with reusable lesson components, dynamic user input handling, and AI-assisted Q&A.

Spy Chat

02/2025

- A real-time encrypted messaging app using React, TypeScript, Express, and Socket.IO, implementing end-to-end encryption with user-supplied pass-phrases for secure communication.

Bigram NLP Auto-grader

03/2025

- Python-based bigram language model with probability smoothing to automatically evaluate student responses from CSV input, achieving 85% classification accuracy on held-out test data.