

EDUCATION

Brigham Young University	2022-2025
Bachelor of Science in Computer Science	Provo, UT
- GPA 3.80 - Dean's List in Spring 2024 and Winter 2025 - Courses: Deep Learning, Artificial Intelligence, Operating Systems, Web Development	

PROJECTS

Contractual	Mar 2026
Built and deployed a full-stack contractor project-tracking application using Django REST Framework and React, including authenticated CRUD workflows, REST API design, and public-server deployment with security isolation	
ESP Lift	Jan 2026
Developed an ESP32-based cable-machine rep counter using ESP-IDF in C, hardware interrupts for encoder tracking, WebSockets for real-time communication, and a React front-end for live workout feedback	

EXPERIENCE

Data Annotation	May 2026-Present
<i>AI Trainer, Software Engineering Specialty</i>	Remote
Elicited 100+ real agentic failures and reviewed implementation gaps from frontier AI models, including subtle concurrency issues, instruction following failures, and other code safety and correctness gaps	
Optimal Technical Solutions LLC	Jan 2025-Jun 2026
<i>Owner / Self-Employed</i>	Eagle Mountain, UT
- Provided network configuration and support, server management, and custom software development for clients - Developed website in Django that provided a point-of-contact for hundreds of potential customers, and supported the infrastructure to serve it	
Freelancer	Dec 2014-Jan 2018
<i>Software Developer</i>	Brazil
- Developed a Java-based power-grid operations simulator used to audit operation plans - Developed a restaurant CRM and inventory platform using C# and SQL, including table management and invoicing - Developed a Python/Qt retirement-benefits calculator for a law office to automate client benefit estimates	
Conforpés Orthopedics & Prosthetics	Apr 2015-Sep 2016
<i>Inventory Assistant / Software Developer</i>	Brazil
- Developed inventory management software with SAP DI API integration (C#, MSSQL) - Developed companion app for handheld scanner (C#, Windows CE)	

VOLUNTEER EXPERIENCE

Cottonwood High School	2019-2020
<i>Programmer / Tutor</i>	Murray, UT
- Programmed robot control systems using networking, hardware interfaces, and interrupt-based logic, contributing to a rookie-category win at the 2019 FRC Utah Robotics competition - Returned after graduation to tutor students in robot programming and computer-vision-based control automation	

SKILLS

- Programming languages: Python, C#, TypeScript, SQL, Java, C, Nix, Bash
- Frameworks: React, .NET, Qt, Django, ESP-IDF
- Tooling: Git, AI/Codex, Docker, Terraform, CI/CD
- Fluent in English, Portuguese and Spanish
- Proficiency in working with and maintaining Linux workstations and servers
- Familiarity with Active Directory environments and Kerberos/NTLM authentication using IIS Server
- Authored and maintained reusable AI-agent instructions and project documentation, enabling reliable task execution and codebase traversal with lower-cost models