Summary

Computer Science graduate with a strong background in team collaboration and hands-on field experience. Proficient in various software programs, eager to apply my skills in a dynamic work environment. Possess excellent communication and problem-solving skills, passionate about continuous learning and professional development.

Education

San Diego State University San Diego, CA GPA: 3.250

Experience

SDSU

Teaching Associate

- Created and executed systematic testing protocols for 5 complex programming assignments, ensuring reliability and correctness across 200+ student submissions
- Developed automated grading scripts in Python to validate code functionality and performance metrics
- Mentored students in debugging techniques and test-driven development practices
- Provided coaching and motivation to a large group of 200 students

Tinker Tech

Project Manager

- <u>https://www.tinkertechintegrations.com/</u>
- Demonstrated strong project management skills by successfully overseeing 25+ custom home projects from start to finish, consistently meeting client expectations and deadlines
- Developed and maintained comprehensive test protocols for Control4's home automation API, ensuring robust functionality across 9+ device categories including thermostats, security systems, and lighting controls
- Authored detailed API documentation for QA and development teams, including endpoint specifications, response validation, and error handling protocols

Custom Home Tech

Technician

https://cht.life/

- Managed 3 person team to complete final stages of all jobs, integrating all security, entertainment, and network hardware and software.
- Collaborated with cross-functional teams to define and document API security requirements, including implementation of SHA-256 authentication protocols
- Formulated a strategic plan for legacy system upgrades, which have projected to deliver a 20% cost savings over the next three years.

Projects

Spotify Data Analysis — On Github, Medium

Sounds & Statistics: My Spotify Study

Conducted a detailed exploratory data analysis on Spotify usage data, extracting patterns and crafting an insightful narrative based on statistical analysis using R.

CS561 Deep Learning Course Page — On Github

- https://github.com/codaeddie/SDSU-CS561-NLP
- Designed and implemented automated testing framework for ML model evaluation
- Established quality assurance procedures for data preprocessing pipelines

Github, Weights & Biases, Python

Skills

Technical Proficiencies

Python, TypeScript, Scala, R, Git, CI/CD, Automated E2E

References Available Upon Request

December 2021 to Present

June 2019 - Sep. 2021

May 2018 - June 2019

Del Mar, CA

San Diego, CA

Bachelor's in Computer Science

San Diego, CA

December 2023