

Summary

Recent 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

December 2023
Bachelor's in Computer Science

Experience

SDSU

Teaching Associate

December 2021 to Present
San Diego, CA

- Improved practical learning by creating 5 in-depth lab assignments, leading to the development of portfolio-worthy projects for all 200 students
- Boosted student academic achievements through personalized tutoring and the creation of challenging exam materials
- Provided coaching and motivation to a large group of 200 students
- Received recognition as a motivational educator, with an abundance of gratitude expressed by over 200 inspired students

Tinker Tech

Project Manager

<https://www.tinkertechintegrations.com/>

June 2019 – Sep. 2021
San Diego, CA

- Utilized Control4 certification to excel in the lead technician role, improving project delivery for more than 90% of custom home installations
- Demonstrated strong project management skills by successfully overseeing 25+ custom home projects from start to finish, consistently meeting client expectations and deadlines

Projects

UltraFastBERT – On Github

Fast Feedforward Network Implementation

<https://github.com/codaeddie/portfolio/blob/main/pdf/Finalcs561.pdf>

Collaborated on a study to evaluate the balance between model size and computational resources using the UltrafastBERT architecture, a BERT variant that utilizes sparse feed-forward networks for efficiency. Assessed computational efficiency versus performance trade-offs by benchmarking and comparing the fast feedforward network layer against more common architectures.

Python, Hugging Face, Weights & Biases, TensorDock, PyTorch, Transformers, NumPy

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>

Fine-tuned BERT and RNN models for various tasks such as document classification, sentiment analysis, fact-checking, language generation, and document summarization.

Github, Hugging Face, Weights & Biases, Azure, Python, PyTorch, Transformers, NumPy

Skills

Applied Programming

Advanced

Python, R, Scala, Java, Bash, PyTorch & Tensorflow, C++, Docker, ML & DL, nlp

Tools

Intermediate

Git, Jenkins, Docker, JIRA, AWS, Weights & Biases