Edmund **Coda**

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Education

San Diego State University   *San Diego, CA*
BS in Computer Science   *December 2023*
GPA: 3.250

Work Experience

SDSU   *San Diego, CA*
Teaching Associate   *December 2021 – December 2023*
- Authored 5 of the course Lab assignments, giving students 5 portfolio-worthy projects.
- tutored students, Coded and Evaluated Exams
- Coached and motivated over 300 students
- Received graditude and inspiring thanks, beyond what I imagined.

Tinker Tech   *San Diego, CA*
Project Manager   *June 2019 – Sep. 2021*
- Received Control4 certification, taking over lead technician role on 90% of projects.
- Managed, finalized and met expectations on over 25 custom homes.

Custom Home Tech   *Del Mar, CA*
Technician   *May 2018 – June 2019*
- Elected to manage client-care and service-calls, to swiftly complete jobs, change-orders, and any emergency calls.
- Led small team to complete final stages of all jobs, integrating all security, entertainment, and network hardware and software.

Projects

Fast Feedforward Network Implementation — On Github   *Python, Hugging Face, Weights & Biases, TensorDock, PyTorch, Transformers, NumPy*

Submitted Journal for the implementation of 2-layer Fast Feed Forward network, trained UltraFastBert model with 50% speed up in training time.

Spotify Data Analysis— On Github, Medium   *R, RStudio, Spotify API, tidyverse, ggplot, jsonlite, spotifyr*

Performed comprehensive exploratory data analysis on my Spotify listening data using R.

CS561 Deep Learning Course Page — On Github   *Github, Hugging Face, Weights & Biases, Azure, Python, PyTorch, Transformers, NumPy*

Fine-tuned BERT and RNN models for multiple tasks including Document Classification, Sentiment Analysis, Fact Checking, Language Generation and Document Summarization.

Skills

Applied Programming: Python, R, Scala, Git, Java, Bash, PyTorch & Tensorflow, C++, Docker, Linux
Applied Research: Natural Language Processing, Diffusion Models, Sentiment Analysis, Transformers