Jarrod Leong

Career Objective

Seeking a challenging entry level position in Computer Science/Software Engineering where I can learn and advance my career.

Work Experience

Computer Science Instructor

CodeSpeak Labs, Irvine, CA / Jan 2018 – Present

- Teach computer science, engineering, and critical thinking including Scratch, simplified JavaScript, and Python. (Up to 20 elementary or middle school students, taught in person and remote)
- Plan and organize lessons tailored to each class.
- Coordinate and transport equipment including chromebooks, drones, robots, and other teaching materials.
- Provided feedback on independent study projects.

Projects

Spotify Playlist Generator

August 2020 – September 2020

- Created a program to automatically create playlists in Spotify from your saved music.
- Utilized an MLP neural net trained on over 1200 different songs gathered from different playlists to teach the model how to classify songs.
- Used the Spotify API to get playlist, song, and user data.

Movie Website Service

January 2020 – March 2020

- Utilized MySQL to host and store several databases about movie information including titles, actors, genres, and directors. Utilized the PayPal API to create orders to bill customers.
- Used Java to implement the backend API. Used Html, JavaScript, CSS, and React to develop the front end.

ChatBot

January 2020 – March 2020

- Designed a general-purpose chit-chat chat bot implementing and utilizing the state-of-the-art Transformer Deep Learning NLP model.
- Trained the model on over 90,000 utterances gathered from the Cornell Movie Dialogue Corpus, ConvAI2 PersonaChat Dataset, and the English Smalltalk Corpus.

Embedded Systems Project

November 2019 – December 2019

- Utilized the Atmega32 embedded device to design and program a memorization game in C.
- Implemented UI using LCD screen, speaker, keypad, and lights.

For Fun

- Little computer science projects
- Video games, fishing

CONTACT

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SOFT SKILLS

Adaptability
Strong Work Ethic
Quick Learner

HARD SKILLS

C, C++, Java, Python, HTML, CSS, Linux, SQL, AI/Machine Learning

EDUCATION

B.S. in COMPUTER SCIENCE
University of California Irvine, June 2020