

OSCAR CHEUNG

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EDUCATION

California State University, Fullerton

B.S. Computer Science

SKILLS

Programming: C++, Python, Java, Javascript, HTML, CSS, SQL
Tools: Git, Visual Studios, Xcode, React, PugSQL
Languages: English(Native), Mandarin(Fluent), Cantonese(Basic)

PROJECTS

Spotify Lite

Fall 2019 | Course Project

Python, SQLite

- Designed the application level sharding of tracks microservices across three databases
- Tested microservices with shell scripts using Tavern and Foreman
- Wrote queries to create, retrieve, and get tracks or playlists based on filter or id

Decibel

Fall 2019 | Course Project

Javascript, HTML, CSS, React, Firebase

- Created a react component for the Search Bar and Search Results
- Connected Spotify API id and access tokens to pull song, album, and playlist data from user input
- Created styling and background of webpage

Ultimate Tic Tac Toe

Spring 2019 | Course Project

Python

- Created an Ultimate Tic Tac Toe game using Python and created AI agents to play against
- Implemented random and minimax algorithms for AI agents
- Analyzed efficiency of random and minimax algorithms

Que Es Weather

Fall 2018 | Personal Project

HTML, JavaScript, CSS

- Developed a weather application using HTML, JavaScript, and CSS
- Used OpenWeatherMap's API to pull details of current weather at inputted location

NBA Schedule

Fall 2018 | Personal Project

HTML, JavaScript, CSS

- Using HTML forms asks user for month, day, and year
- Created buttons to submit the form or reset the form to current date
- Pulls data from SportsRadar API to display details of NBA schedule on given day

WORK EXPERIENCE

Substitute Teacher ACI Institute

Fall 2016 - Summer 2019

Taught English and Math as well as printed, organized, and graded homework and exams.

Waiter International Buffet

December 2012 - Summer 2015

Provided friendly and efficient customer service while working as part of a team to increase workflow

VOLUNTEER EXPERIENCE & ACTIVITIES

International Volunteer HQ

Summer 2016

Worked alongside local construction workers in Cusco, Peru to renovate, repaint, and build new institutions such as schools, orphanages, and community centers

Hacktech(Cal Tech Hackathon)

Spring 2017