Jian-Cheng Huang

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EDUCATION

University of California, Irvine — June 2024
B.S. in Computer Science — GPA: 3.97

Relevant Coursework : Data Structure Implementation and Analysis, Design and Analysis of Algorithms, Machine Learning and Data-Mining, Python Programming and Libraries (Accelerated), Algorithms for Probabilistic and Deterministic Graphical Models

EXPERIENCE

Logic Square Technology
Web Developer Intern|Vancouver, Canada — June 2019 - September 2019

- Learned and experienced the process to design, develop, and test web applications
- Primarily applied CSS and HTML to develop personal websites
- Arranged meetings and collaborated with a mentor on a weekly basis to monitor the progress of my website

PROJECTS

ZotGuesser — March 2022

- Co-designed and launched a website that advertises the UC Irvine campus by engaging users in a location guessing game
- Imitated the popular game GeoGuesser, using React Framework and JavaScript
- Reduced the code base by 50% by utilizing Maps JavaScript API to access information of Google Map and make display on the website

Youtube Fast-Forward — February - March 2022

- Innovatively developed an android application in a team of four that allows users to seamlessly create, manage, delete and share their Youtube playlists
- Used Youtube Data API V3 to gather information about and make changes to user's playlists
- Improved running speed of the app by 40% by implementing multithreading model

TrendyMovie Viewer — January 2022

- Created an android application that allows users to view detailed information and trailer of movies available in the theatre right now
- Utilized Movie DB API to access information of various movies
- Employed Youtube API to access trailers of different movies

Eric Edit: Terminal Based Text Editor — May 2021

- Designed and developed a Vim-like terminal text editor with the command pattern using C++ and its standard library
- Reduced the code base by 35% by using object-oriented programming, with features such as inheritance and polymorphism

Air Quality Checker — November 2020

- Developed a program that informs users of the air quality information within a given distance of a specified location using Python
- Employed Nominatim API to convert specified locations to latitude and longitude
- Utilized PurpleAir's API to access and record information about the air quality of different locations

SKILLS

Programming languages: Python, C++, Java, CSS, HTML, JavaScript, Kotlin, SQL
Software: Git, VS Code, Android Studio, Photoshop, Lightroom, Adobe Bridge, Office 365
Operating System: Windows, Linux
Language: English, Mandarin