Yi-Ting, Wang

📞 +886 9 56816556 ✉️ eatingwow@gmail.com in linkedin.com/in/yi-ting-wang ⌾ github.com/AmberWow123

EDUCATION

University of California, San Diego   **Starting from Sep 2021**
Master of Computer Science   *San Diego, CA*

University of California, San Diego   **Sep 2019 – Jun 2021**
B.S in Computer Science, GPA: 3.98/4.00 (Current)   *San Diego, CA*
Coursework: Computer Architecture, Web Mining, Database, Programming Language: Principle and Paradigm, AI: Search and Reasoning, Design and Analysis of Algorithm, Data Science in Practice, Advanced Data Structures, Computer Organization and Systems Programming, Software Tools and Techniques Laboratory, Basic Data Structures and Object-Oriented Design

De Anza College   **Jan 2017 – Jun 2019**
Computer Science, GPA: 3.96/4.00   *Cupertino, CA*
Coursework: Data Abstraction and Structure, Java Programming, Python Programming, Programming Methodologies in C++, Intro to x86 Processor Assembly Language

SKILLS

- Java
- SQL
- Python
- C/C++
- Git
- JSP
- HTML / CSS
- Android

PROJECTS

Drifting Android App | *Java, Firebase, Android Studio*   **Dec 2020**
- Developed an android application using Firebase as our database and Android Studio for designing the user interface to help people social during the COVID-19 pandemic.
- A drift bottle picked by users are according to location API and time interval from it was added to database.
- Implemented a chatting functionality for users to chat with their friends and created a search bar to find specific friend to chat with.
- User could register, login, throw a drift bottle, pick a drift bottle, add friend, chat with friends, edit profile page, and logout.

COVID-19 Analysis with Incoming Flights | *Python, Jupyter Notebook*   **Jun 2020**
- Analyzed the information of COVID-19 confirmed cases and incoming flights in the United States using Python on Jupyter Notebook.
- Visualized the top five states with most percentage of positive COVID-19 cases.
- Found out the relations between the incoming flights to the United States and the increasing COVID-19 cases in the United States.

Boba Shop Search Engine | *Python, Eclipse, SQLite3*   **Feb 2019**
- Designed web scraping using Yelp API to fetch the data of shops and store them into JSON files.
- Used SQLite3 to store data from JSON into a database with 4 tables. They contains information of name, specifications, city name, price, and ranking of boba shops.
- Implemented GUI to display a window of 3 buttons which searched boba shops by distance, by city, and represented a graph of the most 4-5 starred boba shops in the currounding area of De Anza College (Cupertino, San Jose, Mountain View, Palo Alto, Santa Clara, Sunnyvale, Saratoga).

EXPERIENCE

De Anza College - Student Success Center   **Sep 2018 – Mar 2019**
Paid Mathematics Tutor   *Cupertino, CA*
- Taught students studying strategies and developed their problem-solving skills.
- Built students' self-confidence and clarified mathematic concepts by practicing sample questions.

De Anza College - Computer Information Systems   **Jul 2018 – Aug 2018**
Computer Science Tutor   *Cupertino, CA*
- Clarified students' programming concepts and did some concepts related practices to make them learn better.
- Assisted students in debugging programs and fixing bugs, which helped them to develop useful debugging skills.

ACHIEVEMENTS

- Achieved UCSD Earl Warren College Graduation Honor Summa Cum Laude (top 2 percent).

- Achieved UCSD Provost Honors for 4 quarters (Fall 19/Winter 20/Spring 20/Fall 20).