

JAKIN WANG

408-650-4901 | jakinw0508@ucla.edu | <https://www.linkedin.com/in/jakinwang/> | <https://github.com/JakinHuangWang>

EDUCATION

De Anza College; *Computer Science, A.S.; April 2017 – June 2019; GPA 3.84*

University of California, Los Angeles; *Sept 2019 – June 2021 (expected); Transfer Junior, Computer Science, B.S.*

Coursework:

- Object-Oriented Analysis and Design.
- Linux, C, C++, Java, Python, and Git.

Technical Skills:

- Proficient in Python, C++, C, and Java.
- Intermediate level in HTML, CSS, and JavaScript.
- Intermediate level in Python Numpy, scikit-learn, Matplotlib, Pandas, and SQL.
- Fluent in both Chinese and English.

PROJECTS

High Tech Job Data Application (Python GUI, Matplotlib and Numpy, SQL)

Spring 2019

- **Designed** an application that allows the users to **interact** with the data provided by the US Bureau of Labor Statistics (<https://www.bls.gov/ooh/computer-and-information-technology/home.htm>)
- **Extracted** data from the US Bureau of Labor Statistics website using *Python BeautifulSoup*
- **Stored** the data into a SQL Relational Database.
- **Designed** a GUI for users to interact with the data.
- **Constructed** Graphs using Matplotlib for data visualization.
- Through this project, had a deeper understanding of **Web Scraping, Relational Database, and Data Visualization.**

Python National Park API Project (Python GUI, Matplotlib, Numpy, and MultiThreading)

Spring 2019

- **Scraped** data from the National Park Service API (<https://www.nps.gov/subjects/developer/index.htm>).
- **Created** a GUI that allows users to interact with the program.
- Users could see all state parks from each state with descriptions.
- **Implemented** threads to handle concurrent internet data streams.

Java Vehicle Shopping System using Java Apache Tomcat (Java, HTML, and CSS)

Spring

2019

- **Designed** a Web Application using HTML and CSS that allows the user to buy a custom car.
- **Utilized** JAVA Apache Tomcat to set up a local server.
- **Constructed** 3 java servlets and 1 .jsp file that communicate with each other.
- The first page **allowed** users to construct their own cars by selecting features
- The second page **asked** the users to confirm their selections
- The third page **displayed** the Summary and the users can choose to download the excel file.
- Had a **deeper Understanding** of front-end and Java Server Side Programming.

EXPERIENCE

Oracle Certified Professional, Java SE 6 Programmer

March 2017 ~ Present

CompTechS Program Intern

Cupertino, CA

De Anza CompTechS Program

April 2017 – June 2017

- **Built** computers from old computer parts, **Set** up computers through BIOS, **Work** with the basic components of a computer.
- **Led** a team to finish computers in time and **Help** other students to acquire free computers.

Math & Science Tutor

Cupertino, CA

De Anza Math, Science, Technology Center

Sept 2018 – June 2019