JAKIN WANG

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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, and Pandas.
- Intermediate level in 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 allow 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)
- *Extract* data from the US Bureau of Labor Statistics website using ***Python BeautifulSoup***
- *Store* the data into a SQL relational Database.
- *Designed* a GUI for users to interact with the data*.*
- **Construct** Graphs using Matplotlib for data visualization.
- Through this project, has a deeper understanding about **Web Scraping**, **Relational Database**, **and Data Visualization**.

Python National Park API Project (Python GUI, Matplotlib, Numpy, and MultiThread)   *Spring 2019*
- *Scrape* data from the National Park Service API (https://www.nps.gov/subjects/developer/index.htm).
- *Create* a GUI that allows users to interact with the program.
- Users can see all state parks from each state with descriptions.
- *Implement* threads to handle concurrent internet data streams.

Java Vehicle Shopping System using Java Apache Tomcat (Java, HTML, and CSS)   *Spring 2019*
- *Design* a Web Application using HTML and CSS that allows the user to buy custom car.
- *Utilize* JAVA Apache Tomcat to set up a local server.
- *Constructed* 3 java servlets and 1 .jsp files that communicates with each other.
- The first page *allows* users to construct their own cars through selecting features
- The second page *asks* the users to confirm their selections
- The third page *displays* the Summary and the users can choose to download the excel file.
- Have a *deeper Understanding* of front-end and Java Server Side Programming.

EXPERIENCE

CompTechS Program Intern   **Cupertino, CA**
De Anza CompTechS Program   *April 2017 – June 2017*
- *Build* computer from old scraps, *Set* up computers through BIOS, *Work* with the basic components of a computer.
- *Lead* team to finish computers in time.
- *Help* other students to acquire free computers.

Math & Science Tutor   **Cupertino, CA**
De Anza Math, Science, Technology Center   *Sept 2018 – June 2019*
- *Tutored* students who need help in math and physics.