

CHI-RAY YI

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Lawful Permanent Resident - Greencard Holder

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EDUCATION

University of California, Irvine

Irvine, CA (August 2016 - May 2020)

- Major: B.S., Data Science & Minor: Management
- GPA: 3.52, Dean's Honours List
- Relevant Coursework: Data Structures, Intermediate Programming in Python, Exploratory Data Analysis, Statistical Methods for Data Analysis, Information Visualization, Discrete Mathematics and Probability

SKILLS

Programming Python, C/C++, SQL, R, HTML/CSS/JS

Applications Tableau, Git, Apache Hadoop, Apache KAFKA, Unix, Unity, Latex, Microsoft Office

Languages Fluent in English and Mandarin; Conversational Proficiency in Spanish

EXPERIENCE

Wing AI Technologies

Data Science Intern

Irvine, CA (October 2018 - Present)

- Lead interns to identify KPIs such as user/fulfiller activity with Data Science leads and write respective MySQL queries for data visualization with Tableau and Kabana, increasing query output by 60%
- Explore possible python modules to communicate with MySQL database and present analysis on each

Undergraduate Society of Statistics and Data Science

Resource Acquisition

Irvine, CA (February 2017 - Present)

- Reach out to local tech companies such as Cylance and invite representatives to educate the club of core data science skills, increasing active members by over 40%
- Directed the workshop "Reading and Visualizing Data with R" teaching over 70 active club members to graph/interpret test statistics in R and concepts to choose quality models such as multicollinearity and AIC

UCI Center in Writing & Communication

Peer Tutor

Irvine, CA (December 2016 - May 2018)

- Suggested ways to improve students' logic of textual analysis and received annual evaluation of 9.3/10

Republic of China Armed Forces Military Service

Private 1st Class - Army Division

Hsinchu, Taiwan (July 2017 - September 2018)

- Received ROC 4-month military training over freshmen and sophomore summers

PROJECTS

Police Killings Data Analysis

(May 2018)

- Uses Jupyter Notebook to comment and visualize python analysis of police killings in the U.S.
- Utilizes Pandas, Matplotlib, and Numpy to generate graphs and data frames to reveal patterns in shootings

Spell Checker

(October 2018)

- C++ program that checks spelling of text specified by the user and suggests corrections
- Uses hash map to take input of text and assign hashed index value in a dynamic array

Inventory Manager

(December 2017)

- Python program that saves user-specified inventory details into a database file
- Categorizes inventory details in a clean interface for easy interpretation

Othello GUI

(May 2017)

- Uses tkinter in the Python library to implement Othello game logic in a graphical user interface

ACTIVITIES

UCI Men's Varsity Table Tennis Team

Coach, Player

(September 2016 - Present)

- Participated in 2 NCTTA college tournaments and led team to regionals conference finishing 3rd

Boy Scouts of America

Eagle Scout, Senior Patrol Leader, Eagle Project Leader

(September 2014 - September 2016)

- Led a group of 10 scouts to construct a compost bin for the local church, church of Our Lady of Guadalupe
- Increased meeting participation by 20% and led over 100 active scouts as Senior Patrol Leader