

# CHI-RAY YI

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## EDUCATION

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**University of California, Irvine — GPA: 3.62 / 4.00**

Irvine, CA (August 2016 - May 2020)

- Major: B.S., Data Science & Minor: Management
- Honors: Dean's Honours List

## SKILLS

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**Programming** Python, C/C++, HTML/CSS/JS, R, Assembly, L<sup>A</sup>T<sub>E</sub>X

**Applications** Tableau, Google docs/slides/sheets, Microsoft Office, Git, Linux/MacOS/Windows

**Languages** Fluent in English and Mandarin; Conversational Proficiency in Spanish

## EXPERIENCE

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### Taiwan MediaTek

Intern

Hsiuchu, Taiwan (June 2017 - August 2017)

- Created interactive data visualizing web applications to inform the public of city-wide issues and events
- Scraped and parsed data from online sources using Python to showcase Taiwans major issues such as inferior technology

### Undergraduate Data Science Association

Resource Acquisition

Irvine, CA (February 2017 - Present)

- Manage funding for tech workshops and quarterly outings
- Reach out to leading tech companies and invite representatives to educate the club of popular data tools

### ICS 31 – Introduction to Programming in Python

Lab Tutor

Irvine, CA (February 2017 - June 2018)

- Helped students understand lab material and provide tips to tackle Python assignments
- Received final evaluation score of 9.1 / 10 given evaluation average of 7.8

## PROJECTS

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### Python Text Editor

(March 2017)

- Used tkinter in the Python library to construct a basic text editor mirroring NotePad within Python

### 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

### Python Snake Implementation

(December 2017)

- Python tkinter implementation of the classic game Snake

### Othello GUI

(May 2017)

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

### Ball Simulator

(October 2017)

- Utilized concept of inheritance in Python to create ball objects to interact with elements in a simulator

## ACTIVITIES

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### UCI Mens Varsity Table Tennis Team

Player, Coach

(September 2016 - Present)

- Participated in 2 NCTTA college tournaments and led team to regionals

### TAO at UCI

Mentor

(October 2016 - May 2017)

- Helped ease appointed freshmen their transition to college and informed them of UCIs resources

## WORK EXPERIENCE

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### English and Math Tutor

(November 2016 - November 2017)

- Taught an international student college-level writing and a high school sophomore precalculus