

# Jiarun (Rachel) Li

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SOME MAGIC HERE TO SQUEEZ MY GITHUB IN

## EDUCATION

**University of California, Los Angeles**, Los Angeles, CA

Expected June 2022

*Bachelor of Science, Computer Science*

- Cumulative GPA: 3.5
- Relevant Coursework: Algorithm and Complexity      Data Structures      Operating System  
Data Science Fundamentals      Computer Organization      Software Construction

## SKILLS

**Technical Skills:** C++, C, Python, Java, Javascript, Swift, React, HTML, CSS, jQuery, Git, Web development, Bootstrap  
// too long here nooo

**Computer Skills:** Word, Excel, Powerpoint, Google Software, UI/UX

**Language Skills:** Fluent in English and Mandarin; intermediate in French

## PROFESSIONAL EXPERIENCE

**Huawei Technologies (might need to rename???)**

June 2020 - September 2020

*Frontend Intern on network solution team?*

- ..... the data flow one

**Tencent**

May 2020 - August 2020

*Researcher*

- ..... the rppg heart signal one

**Motigo**

August 2019 - September 2019

*Ebook Developer Intern*

- Created four interactive Ebooks on the platform WeChat to help Motigo exploring new potential businesses since traditional articles are losing their popularity to new medias as a way for people to acquire information
- Used a combination of **Python**, **HTML** and **CSS** to implement ebooks, with over 1000 views and an average viewing time of over 2 minutes. Topics include psychology, traveling, Broadway musicals and personality testing
- Designed user interface and analyzed user experience of each product through researching targeted user group characteristics, analyzing user data feedbacks, and highlighting the advantage of interactive ebook

**Haitong International Securities Group Limited**

June 2018 - August 2018

*Account Management Intern*

- Utilized Haitong securities' websites to help investors to register, manage, or revise information on their accounts
- Collected user's **data** and analyzed user's distribution and product preference from the data collected
- Applied efficient **sorting algorithm** to organize scattered files by name, date, and type, resulting in a faster accessing time to files for the administrators

## PROJECTS

**Cipher Salad**

January 2019 - April 2020

*Dev team member and designer*

- ..... the kid's lesson one with teach LA

**AR Tour Guide**

January 2020

- Develop an iOS app, in a group of 7, that aims to improve visitors' experience when touring UCLA with an augmented reality bruin introducing the various places on campus
- Implement page loading and page transitions using **swift** through **Xcode**
- Fabricate rendering method for loading area-based introduction text based on core location detection
- Design loading page and home screen using **Figma**. Resolved screen size conflict of different elements

**Gee-nomics**

March 2019

- Developed a project that can edit and store genome/DNA sequences, and allow users to present the genome of a new organism and identify all genomes with a high percentage of matching DNA in the library

- Designed searching and matching algorithms that meet the time complexity using **C++**
- Maintained a library of genomes using data structures such as **Trie**

## Penelope

January 2019

- Implemented the logistics of Penelope, a video game with levels where the player aims to pass every level by manipulating the zombie hunter to kill zombies and rescue citizens with the help of different goodies
- Developed sets of class with **object oriented programming**, designed level layout and implemented character behaviors using **C++**

## CAMPUS INVOLVEMENT

### Teach LA Dev Team & curriculum Team

September 2019 — Present

*Technical contributor and lecturer in Teach LA*

- Improve features of Teach LA **webpage** which targets at disadvantaged students in LA
- Learn fetching data from Firebase API and using **React** to work on frontend
- Refactor site layout and improve rendering method using **SASS**
- Teach python to 8th grade students at Sepulveda Middle School every Thursday