

Cyrus Lo

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Summary

A Computer Science Major at the University of California, Irvine specialize in information. Have experience in coding in C++, Python, React, React Native, JavaScript, MySQL.

Job Experience

Software Development Engineer Intern

ArcLight Software LLC Jul, 2019 - Dec. 2021

- Mobile and web development using **React** and **React Native**
- Attend weekly standup meetings.
- Handling tickets and submitting PR on time.

Projects

Animal Split (ArcLight Software LLC)

- A Web and Mobile application using **React** and **React Native**.
- Database implemented using **MongoDB** with **Docker**.
- Backend services using **Express**.

Petr_Chat

- A group project from school **using C**. This program implements a **server-client network**.
- It allows users to communicate with each other.
- Users can create a room to chat with a group of people or direct a message to a person.
- This program used **socket, concurrency, multithreading, and mutex**.

U852 Discord Bot

- A discord BOT for the Hong Kong Student Union discord server.
- Implement using **Discord.py (Discord API)** with **Python**
- The BOT can assign every member with an associated role, play a text interactive game called SPY, and filter all the bad words on the server.

Fabflix

- A website/android app can browse the information of a movie from a database on MySQL.
- Implemented **load balancer** with 3 AWS servers.
- Android APP was built with **Java** and **Android Studio** that use the same database as the website.
- Deployed on **AWS** with **Tomcat** and **Maven**
- Used **jQuery, Bootstrap, HTML, Javascript, Java, ReCaptcha, Password Encryption**

Projects(Cont.)

War Of Tank

- A **Unity Game Engine** project coded in **C#**.
- This game provided a **UI** for users to choose the number of Teams and Bots.
- Player can randomly control the AI by pressing key 1,2,3,4

Clubhouse Music Bot

- Utilized an unofficial **Clubhouse API** to access the Clubhouse server using **Python**.
- Use **SwSpotify** and **threading** to fetch information about the currently playing song info every second and change the biography of the account upon the changes of the song.
- Added function to the original cli.py in order to allow the user to create a room, invite speakers and set privilege.

Education

University of California, Irvine

Irvine, CA

B.S. in Computer Science GPA: 3.6

Sep, 2019 - Aug, 2021

Fullerton College

Fullerton, CA

Full-time student/ Transfer GPA:4.0

Sep, 2016 - May, 2019

Involvements

Hong Kong Student Union @ UCI

Irvine, CA

Creative Director

Dec, 2019 - Dec, 2021

- Help organize events.
- Use **Google Sheet** and **Google Docs** to present events.
- Create posters using **Adobe Illustrator** and **Photoshop**.
- Assist the president to manage the club by assigning corresponding tasks to different officers according to their specialty.

Skills

- Language: English, Cantonese, and Mandarin
- Programming Language: Python, C/C++, Java, Lisp, HTML, CSS, Prolog and MySQL
- Adobe Illustrator and Adobe Photoshop
- Basic Unity Script, React, React Native, Tomcat, AWS,