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.

Projects

Venmo Split

• **C++** program that calculates the cost for each person when eating outside with friends so that users don't need to calculate the tax and the total amount of each person needed to be charged.
• Used a singly linked list to store data and classes to make a bill object.

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**

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

Projects(Cont.)

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   Sep, 2016 - May, 2019

Job Experience

Software Development Engineer Intern

Animal Fellowship LLC   Jul, 2019 - Dec. 2021
• Work in mobile and web development using **React** and **React Native**
• Handling backend calls using **Axios**.

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,