

Cyrus Lo

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Summary

Currently a Computer Science Major senior at the University of California, Irvine. Have been coding in C++ for 3years. Have basic knowledge of Java, C/C++, Python, Lisp, Prolog, and data structure.

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.

Othello AI

- An **AI algorithm** implemented in **C++** for the game Othello. This algorithm used a binary search tree to traverse the moves and determine the most beneficial move to execute.

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

CS121 Search Engine

- Code in **Python** with **Pyqt5, lxml**, and **nltk** library..
- Calculate **cosine similarity** and **tfidf** for each document to rank the document.

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 - Dec, 2021

Fullerton College

Fullerton, CA

Full-time student/ Transfer

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.

EOPS Honor Alliance

Fullerton, CA

@ Fullerton College

Aug, 2018 - May, 2019

Officer

- Help organize events.
- Promote the club.
- Help students who need transfer guidance.

Skills

- Language: English, Cantonese, and Mandarin
- Programming Language: Python, C/C++, Java, Lisp, Prolog, and MySQL
- Adobe Illustrator and Adobe Photoshop
- Basic Unity Script