

Ying-Jia (Samuel) Lin

✉ yingjiasamuellin@gmail.com ☎ (949) 228 - 0766 📁 Personal Portfolio

EDUCATION

University of California, Riverside , <i>BS Computer Science</i> GPA: 3.95	2021 – 2025 Riverside
Trabuco Hills High School , <i>High school Diploma</i> GPA: 3.8 unweighted, 4.5 weighted	2017 – 2021 Mission Viejo

TECHNICAL SKILLS

Languages

C++(Proficient) | Java(Prior Experience) |
HTML(Proficient) | CSS(Proficient) |
Javascript/React(Proficient) | Python(Prior Experience)

Technologies

Linux | Git/Github | Unit Testing(GoogleTest)

PROJECTS

Mobile Game Database -Collected over 500 data elements, enabling over 100k users easier access to data -Streamlined the searching of in-game data via web application database -Utilized HTML, CSS and React JS for efficient app hosting	07/2022 – 08/2022
Chinese Chess -Built CLI Chinese Chess in C++, allowing users to play directly from the terminal -Integrated the strategy design pattern into the program structure, to allow for efficient processing -Implemented functionalities to save and load games, allowing for games to be resumed	03/2022 – 06/2022
QT Shape Parser -Employed QT graphics in conjunction with C++ to allow users to draw shapes on a canvas -Implemented button functionalities of drawing new shapes, editing existing shapes, and removing shapes from the drawing canvas -Developed a testimonies feature, allowing users to leave a review of the app	06/2021 – 09/2021
Booksellers Database -Built console-based C++ database program which stores book entries from a text document -Created a pointer to array to store up to 125 book entries -Established features to manipulate book entires(add new books, delete existing books, edit details of existing books, search for a book by ISBN or title and sorting books by a specific quality)	06/2019 – 09/2019

COURSES

CS100 Software Construction , <i>UC Riverside</i>	03/2022 – 06/2022
CS61 Machine Organization and Assembly Language Programming , <i>UC Riverside</i>	03/2022 – 06/2022
CS10C Intro to Data Structures and Algorithms , <i>UC Riverside</i>	01/2022 – 03/2022
Java Programming I , <i>University of Helsinki</i>	01/2021 – 04/2021

CERTIFICATES

Scrum Fundamentals Certified  Issued December 2021	Responsive Web Design  Issued December 2021	JavaScript Algorithms and Data Structures  Issued July, 2022
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