

Richie Vu

✉ rpvu@ucsc.edu | ☎ (714) 332-7893 | 📍 Westminister, CA | 🌐 richievu.com

Education

University of California Santa Cruz

BS. IN COMPUTER SCIENCE

Santa Cruz, CA

Sep 2021 – Mar 2023

Orange Coast College

AS. IN COMPUTER SCIENCE

Costa Mesa, CA

Sep 2019 – Jun 2021

Projects

Web Portfolio (richievu.com)

BUILT AN ONLINE PORTFOLIO THAT CONCISELY DISPLAYS MY PROJECTS AND INFORMATION; REACT, TAILWIND CSS

June 2023

Online Messaging Application (Android, IOS, & CrossPlatform)

BUILT 3 MESSAGING APPLICATIONS IN 10 WEEKS BY DISPLAYING, ADDING, AND MODIFYING MESSAGES FROM ONLINE API IN 3 DIFFERENT ENVIRONMENTS; KOTLIN, SWIFT, REACT

Sept-Nov 2022

Concurrency and Synchronization Demonstration

CODED DEMONSTRATION OF COMPUTER SYSTEMS CONCEPTS INCLUDING POSIX SYSTEMS, MEMORY MANAGEMENT, THREADS, AND CPU SCHEDULING; FINAL PROJECT FOR PRINCIPLES OF COMPUTER SYSTEMS DESIGN; C

Jun 2022

Computer Opponent Connect Four

BUILT CONNECT FOUR COMPUTER OPPONENT BY USING DFS OF POSSIBLE OUTCOMES; PYTHON

Apr 2020

Facial Recognition ML Research

CODED COMPUTER VISION FACIAL RECOGNITION SOFTWARE IN COLLABORATION WITH PROF. JUSTIN JANG BY UTILIZING OPEN CAMERA VISION; SHOWCASED IN THE GILES T. BROWN STUDENT RESEARCH SYMPOSIUM; C++

Oct-Jan 2020

Stock Market Simulation

CODED SIMULATION OF STOCK MARKET IN 4 WEEKS BY PULLING DATA FROM DAILY STOCK MARKET AND ALLOWING USERS TO MODIFY PARAMETERS FOR DIFFERENT AFFECTS ON THE MARKET; JAVA

May 2019

Skills

Programming: React, Javascript, Typescript, CSS, Kotlin, Swift, Python, C++, Java, C, SQL, Haskell, Racket

Concepts: Web Dev, Mobile Dev, Data Structures & Algo., Databases, Parallel Programming, Machine Learning

Software: Visual Studio Code, Android Studio, XCode, Github, Git

Languages: Vietnamese, English

Leadership Experience

Computer Science Club of OCC

PRESIDENT

- Planned monthly club programming projects and weekly meeting activities
- Led basic programming workshops to introduce Java language to beginner programmers
- Communicated with industry professionals to give talks and advise on club projects

Costa Mesa, CA

Jan 2020 – Jan 2021

Student Success Center at OCC

MATH TUTOR

- Assisted students daily in understanding math concepts from algebra to calculus II
- Led professor endorsed calculus study workshops for final preparation

Costa Mesa, CA

Dec 2019 – May 2022

Certificates

May 2021

Certificate of Completion in Computer Science, Completed courses covering the theory and practice of modern computer programming in multiple languages

Orange Coast
College