

# Richie Vu

rpvu@ucsc.edu ❖ (714) 332-7893 ❖ Westminster, CA

RichieVu.com [Github.com/RichieVu](#) [LinkedIn.com/in/Richie-Vu/](#)

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## PROJECTS

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### Web Portfolio

Jun 2023

*React, Tailwind CSS*

- Built an online web portfolio that displays my projects, skills, and relevant information.

### Multiplatform Online Messaging App

Sept 2022 - Nov 2022

*Kotlin, Swift, React Native*

- Built 3 mirrored messaging apps in 10 weeks for Android, IOS, and Cross platform
- Users can display, add, and modify messages from an online API

### Concurrency and Synchronization Demonstration

Jun, 2022

*C, SQL*

- Coded demonstration of Computer Systems concepts including:
  - POSIX systems, memory management, threads, CPU scheduling

### Computer Opponent Connect Four

Apr, 2021

*Python*

- Build Connect Four computer opponent using DFS of possible outcomes

### Facial Recognition Machine Learning Research

Oct 2020 – Jan 2021

*C++, Python, Open Camera Vision*

- Coded computer vision facial recognition software in collaboration with Prof. Justin Jang
- Showcased in Giles T. Brown Student Research Symposium

## EDUCATION & WORK HISTORY

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### University of California Santa Cruz

Mar, 2023

*BS, Computer Science*

*Santa Cruz, CA*

- 3.42/4.0 GPA
- Varsity Overwatch main support and in-game leader
- Math Tutor at Learning Support Services

### Orange Coast College

Jun, 2021

*AS, Computer Science*

*Costa Mesa, CA*

- 3.81/4.0 GPA
- President of Computer Science Club
- Math Tutor at Student Success Center

## SKILLS & INTERESTS

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- **Programming:** React, Javascript, Python, C++, Java, Typescript, HTML/CSS, C#, Kotlin, Swift, C, SQL, Haskell, Git
- **Concepts:** Full Stack Development, Web and Mobile Dev, Front End Development, Back End Development, Data Structures & Algo., Databases, Parallel Programming, Machine Learning, REST API, Agile Dev, Software Engineering
- **Software:** Visual Studio Code, Android Studio, XCode, Docker, Github, Microsoft Office Suite
- **Languages:** Fluent - English, Vietnamese | Intermediate - Spanish, Japanese
- **Interests:** Dad jokes; finance; communication; cooking; coffee; photography; films;