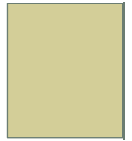


# RICHARD HO

Email: richard.ho200@gmail.com ▪ Phone: (760)-697-8157 ▪ Carlsbad, CA ▪  
GitHub: github.com/richardho200



## Education

UC Santa Cruz | Computer Science M.S. Thesis Plan Option | Expected Graduation: June 2024

C.S.U. San Marcos | Graduation: May 2022 | Computer Science B.S. & Mathematics Minor | GPA: 3.81 | Magna Cum Laude

## Coursework:

CSU San Marcos: Data Structures and Algorithms, Programming Languages, Computer Architecture, Linear Algebra, Optimization, Discrete Mathematics, Intro to Deep Learning, Numeric Analysis, Intro to Artificial Intelligence, Software Engineering

UCSC: Machine Learning (ongoing)

## Scholarships and Honors

**CSUSM Dean's List:** Fall 2018- Spring 2022

## Projects

Multimodal Knowledge Graphs and Q and A in Healthcare- Advisor: Dr. Yi Zhang UCSC Fall 2022 Quarter (*Ongoing*)

- Assisting a doctoral student on a visualization system on diagnosing diseases in the healthcare domain
- Developing a Q and A system for diagnosing respective diseases in healthcare by researching previous works related to the project

Finding a Safe Area ([devpost](#))- *New Hacks Who's This? Hackathon*

- This app was designed with creating a safe and up to date information bank that users can access to make better-informed decisions about where they would like to go visit or hang out with each other at safe/no crowded spaces.
- Utilized HTML for creating a website and allowing the utilization of a chatbot in the front-end development.

## Experience

UCSC Teaching Assistant- 10/2022- present: Grades students' assignments from programming assignments, quizzes, exams, and final exams. Creating Discussion sections related to the covered contents from lecture to prepare students on performing well on their programming assignments, quizzes, labs, and the final examination. Organizes 2 discussion sections weekly and weekly office hour to assist students on concepts along with assisting students on their homework, lab, and understanding concepts from lectures. Manages the gradebook and communicates to supervisor on ensuring priorities being met. Proctored students to enforce academic honesty and answer general questions on their exam during exam's day and final examination's day

Courses: CSE 20(Beginning Programming in Python):Fall 2022 Quarter, CSE 12(Assembly Language and Digital Circuits) Winter 2023 Quarter

## Technical Skills

Programming Languages: Python, C++, HTML, and CSS

Tools & Programs: MS Visual Studio & GitHub