Karina Sanchez
kcsanchez@ucsd.edu| 805-754-8694

OBJECTIVE

Motivated, eager to learn, senior level undergraduate student pursuing a degree in Computer Science with a strong foundation in Mathematics and problem solving. Seeking new opportunities to build my knowledge of Computer Science.

CORE SKILLS

Profient in C++, Java, HTML, and Python (2 years experience each).

EDUCATION

Ventura College   Ventura, Ca
Computer Science   GPA: 3.8
Relevant Corsework: Beginning C++, Beginning Java, Object-Oriented Programming,   August 2018 - May 2020
Data Stuctures and Algorithms, Discrete Mathematics, Computer Architecture

University of California, San Diego   La Jolla, Ca
Computer Science B.S.   GPA: 3.485
Relevant Coursework: Expedited Java, Mathematics for Algorithms and System Analysis,   September 2020 - present
Statistical Methods, Basic Data Structures and Object-Oriented Design, Digital Systems,
Online Database Analytics, Software Engineering, Intro to Machine Learning, Design Analysis of Algorithms

WORK EXPERIENCE

High School Tutor   Oxnard, Ca
Tutor   August 2018 − July 2019
- Tutored a blind highschool student and collaborated with her to learn the materials.
- Assisted her with homework assignments.

PROJECT WORK

Girls On The Go *Android App for Women Safety*   December 2020
- Collaborated in a group of 4 to create an app to improve the safety of women and all students at UCSD.
- Includes features such as location sharing, livestream, record, 911 calling and more.
- Worked on Front-end and Back-end, Used Java, XML and Android Studio and implemented Google Firebase

CSE 135 Website *CSE 135*   June 2021
- Built a fully functional website using HTML and CSS to display CSE 135 assignments and collect analytical data about user activity.
- Used Apache Modules, HTML, CSS, NodeJS, MongoDB, Digital Ocean and became familiar with REST API
- Other features include a User Management System where admin can perform CRUD operations and a Basic User Authentication system.

Quick N' Simple *Recipe Management App*   October-December 2021
- Built a fully functional recipe management app that fetches recipes from the Spoonacular API and allows users to search for recipes, save recipes, and edit recipes.
- Collaborated in a group of 10, worked on front-end and backend, and used CSS, JS, HTML and the Spoonacular API
- Other features include a tap mode that allows for easier use while cooking and advanced filtering to narrow down searches.
- Became familiar with Agile practices

EXTRA SECTION

Ventura College Dean's List   May, 2019 − May, 2020
- Maintained over a 3.5 GPA for all of my time at Ventura College

Women in Computing   September, 2020 − present
- Member in the Women in Computing club at UCSD

WIC Winter Dev Competition   February, 2021 − May, 2021
- Won first place in our competition with our Android App, Girls On The Go.

Other Programming Languages: JavaScript, CSS, NodeJS, XML
Software and Tools MacOS, MongoDB, Unix, IntelliJ, VSCode, Eclipse, Android Studio, Microsoft Word, Excel, Powerpoint, Git, Github, Miro, Figma, Jest