Vince Ermitano

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📍 San Diego, CA

COMPUTER SCIENCE BACKGROUND

Strong understanding of data structures and algorithm concepts. Experience with software engineering principles: Agile development, testing, design patterns, and object-oriented design. Interested in front-end/web development.

TECHNOLOGIES AND TOOLS

- Java (proficient)
- C++ (proficient)
- HTML (proficient)
- CSS (proficient)
- Android Development
- Git & GitHub
- ZenHub
- Unit, Integration, & UI Testing

EDUCATION

University of California San Diego
- Expected Graduation: 03/2023
- Bachelor of Science, Computer Science
- C.S. Coursework GPA: 4.0
- Overall GPA: 3.976
- Awarded Provost's Honors each quarter

San Diego Miramar College
- Transfer Degree
- GPA: 4.0
- Dean's List each semester

PROJECTS

School Programming Projects
- Birds of a Feather (Java): Implemented an Android app for students with a team of 6 in my software engineering course at UCSD. The app utilizes Bluetooth functionality to find students in a user's proximity that have taken courses with a user at UCSD. Development of the app involves front and back-end development.
- Graphs-Implementation (C++): Implemented BFS, DFS, and Dijkstra's algorithms and the Disjoint Set data structure for graph traversal.
- Huffman Encoding (C++): Implemented Huffman's Encoding and Decoding algorithm to compress and uncompress files.

Personal Work
- Colmar Academy (HTML & CSS): Created a responsive mock school website for the created Colmar Academy. Demonstrates front-end web development/UI design through layout/positioning and responsiveness of the elements within the site.
- Excursion (HTML & CSS): A teaser mock website for a mocked application called Excursion

ACADEMIC PLANS TOWARDS COMPLETION OF DEGREE

CSE 140 Components and Design Techniques for Digital Systems | CSE 123 Computer Networks | CSE 141 Computer Architecture | CSE 132A Database System Principles | CSE 107 Modern Cryptography | CSE 151A Intro to Machine Learning