

Ashwin Rohit Alagiri Rajan

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EDUCATION

University of California, San Diego (UCSD)

Class of 2024

- Bachelor's in Computer Engineering
- GPA 3.8/4
- Admitted to Warren Honors Society

Classes:

- Programming with Java and C++
- Data Structures and Algorithms
- Multivariable Calculus
- Linear Algebra & Discrete Math
- Signal Processing & Analog Circuit Design
- Managing Diverse Teams in the workplace

EXPERIENCE

iOS Development with CodePath

January - March, 2022

- Learn & Make iOS apps like Instagram & Twitter clients with a team.

PROJECTS

Sorting Algorithms Visualizer using Javascript

- A HTML website that visualizes various sorting algorithms like quicksort, mergesort, etc.

Raycaster using C++/SFML ported to HTML

- Raycaster written in HTML Canvas that simulates a "3D" world.

iOS Twitter Client using Swift

- Twitter client that uses Twitter API to fetch real time twitter data.

Huffman Encoding/Compression using C++

- A text based compressor that uses Huffman Coding Trees to compress data.

SKILLS & INTERESTS

- C++, C, Java, HTML/Javascript, Swift.
- Familiar with Circuit building using LTSpice.