AMAAN SINGH

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ENTRY-LEVEL COMPUTER PROGRAMMER

EDUCATION

Bachelor of Science, Major in Computer Engineering - Currently Enrolled   June 2024
University of California, San Diego

- **Course Highlights:** Advanced Data Structures, Java/C/C++ Programming, SPIS Summer Program, Algorithms, Engineering Probability and Statistics, Discrete Math, Multivariable Calculus, Design + Analysis of Algorithms, Software Engineering

- **SPIS Summer Program Project:** A script that involves my knowledge of **Python**, **web scraping**, **APIs**, and **HTTP requests**. A script that takes your Soundcloud playlist and converts it into a Spotify playlist

- **CSE 110 Engineering Project:** The project is a booklist website called Booktime. My team and I seeked to create a powerful, efficient, and utility-based book review and progress aggregator and tracker that will help book lovers and aficionados chart, guide, and track the activity they love and enjoy so much. Using the basic languages of the web, **HTML**, **CSS**, and **Javascript**, as well as collaboration and agility; my team and I built a **local-first CRUD** progressive web application.

EXPERIENCE

CSE 110: Software Engineering   SEP 2022-OCT 2022

- Developed a local first project with a team in two months. Learned how teams in the industry work on the project.
- Created the roadmap and laid out plans on task completion. Help develop the home page with HTML, CSS, and Javascript. Help create the backend part of the project.

A-One Towing Bookkeeping   JUNE 2018- AUG 2018

- Efficiently produced consistent and diligent work
- Development of technological skills
- Involved in leading team meetings

Hercules Library Librarian   JUNE 2017- AUG 2017

- Engagement in organizing
- Helped run education-based lectures
- Helped build cooperation skills

Assist Program Tutor

- Assisted students in struggling subject fields
- taught technical education programs for 6-8 students on fundamentals of math and science
- Engaged with a team to help assist the students. This led to development of communication and leadership skills.

Technology Summary

Languages

Python, C++, Java, HTML5/CSS, R, Javascript

Frameworks

Django, Flask, AngularJS, NodeJS

Tools

Unix, Git, Selenium, APIs, Requests