Avnish Kovi

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EDUCATION

University of California, San Diego   **September 2023 – Present**

B.S. Computer Science (June 2025)

University of California, Riverside   **September 2022 – June 2023 (*Discontinued*)**

B.S. Computer Science with Business Applications   *(GPA: 3.85)*

- Coursework: Introduction to Discrete Structures, Data Structures and Algorithms, Software Construction, Machine Organization and Assembly Language Programming, Logic Design, Linear Algebra, Financial Accounting and Reporting

University of California, Merced   **August 2021 - May 2022 (*Discontinued*)**

B.S. Computer Science and Engineering   *(GPA: 3.9)*

Chancellor's Honor List

- Coursework: Introduction/Advanced Programming, Calculus I, Calculus II, Multivariable Calculus

High School Graduate - Irvington High School, Fremont, CA

PROFESSIONAL INDUSTRY EXPERIENCE

Software Development Intern - wYne.ai   **06/2021 - 09/2021**

wYne.ai is a Silicon Valley start-up that allows consumers to get personalized wine recommendations based on their palette.

Developed features for the inventory management system and contributed towards integrating external systems into the application

- Designed and created a data structure that integrates partners' inventory seamlessly with wYne's database
- Incorporated an inventory and catalog API into the website that allows consumers to accurately view the remaining quantity in stock for each bottle on a real time basis
- Included use of terminal, Python, HTML, Docker, and TypeScript

Software Engineering Intern - Alan AI   **01/2020 - 08/2020**

Alan AI is a tool that allows users to add a voice assistant to their web applications. It provides an AI backend for the applications that enable the users to create seamless conversational experiences.

Created a task management app for businesses and incorporated AI voice commands to traverse through the app's functions easily with the use of flutter and firebase

- Gained app development and design experience with UI/UX
- Implemented the functionality of numerous screens on the application
- Front-end styling of multiple screens in the app through the use of Dart in Flutter
- Lead Developer who's responsible for the flow of communication and assigning colleagues tasks through the use of Slack

ADDITIONAL EXPERIENCE

Sales and Solutions Intern – Tally Solutions   **06/2023 – 09/2023**

Tally is an accounting software for small and medium sized businesses.

- Trained on product features
- Worked with implementation, customization, maintenance, and support of the product

Code Instructor - Code Ninjas   **02/2022 – 05/2023**

Code Ninjas is a place where kids of all experience levels can learn to code through an interactive way by creating and playing games.

- Teaching youth about coding using Scratch and JavaScript games
- Teach students from no experience of code to students currently building games

UCR Solar Car – University of California, Riverside   **08/2022 – 06/2023**

The University of California Riverside Solar Car team consists of undergraduate students who aim to construct a full-scaled solar car to compete in the Formula Sun Grand Prix, and the American Solar Challenge: a national collegiate competition which requires teams and their solar-powered vehicles to finish a 2,000-mile cross-country journey.

- Building QT C++ GUI application to manage vehicle vitals
- Developing wireless telemetry to transmit and receive radio data for Grafana visualization

Highlander Racing (FSAE) – University of California, Riverside   **10/2022 – 12/2022**

Formula SAE is an international competition for student groups to design, manufacture, and race formula-style race cars UC Riverside's Formula SAE Team is sponsored by Tesla and is one of FSAE's strongest up-and-coming contenders.

- Working with electrical subsystems team to develop the software and electrical aspects of the vehicle

Society of Asian Scientists and Engineers (SASE) – University of California, Merced   **10/2021 – 05/2022**

SASE is dedicated to the advancement of Asian heritage scientists and engineers in education and employment so that they can achieve their full career potential.

- Participated in and organized numerous professional development workshops.
- Communicated regularly with other organizations, faculty, and community members to organize events and meetings.

SKILLS

- Languages: C++, Java, Python, Dart, JavaScript, TypeScript, Arduino C, Shell
- Tools: Git, Jira, Confluence
- Experience in creating and developing data structures
- Mobile app development