

Saanvi Dua

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EDUCATION

California Polytechnic State University, San Luis Obispo

Sep 2020 – Mar 2024

B.S. in Computer Science

President's List(2020-2021), Honors Program

Relevant Coursework

Data Mining, Applied Linear Models, Database Systems, Design and Analysis of Algorithms, Software Engineering, Systems Programming, Data Structures and Algorithms, Privacy: Policy and Technology

PROFESSIONAL AND LEADERSHIP EXPERIENCE

Product Manager Intern

Jun 2023 – Sep 2023

SoFi

Remote, CA

- Led initiatives to enhance user experience and retention for 620,000+ members on the SoFi Invest platform, with a focus on supporting novice and under confident investors
- Conceptualized ideation, vision, discovery, and roadmap formulation for a stock market simulator through comprehensive UX research and collaboration with cross-functional team members
- Supported fellow product managers in their projects by conducting design reviews and retrospectives, contributing to Product Requirements Documents, and generating Jira tickets to facilitate tasks for engineers

Product Manager

Oct 2022 – Jun 2023

Cal Poly Hack4Impact

San Luis Obispo, CA

- Acted as the primary liaison between 2 local nonprofits and a team of 8 software developers to build new features and fix bugs for the non-profits' website portals
- Facilitated biweekly meetings with clients to ensure that project progress aligned with their needs and expectations
- Authored a comprehensive PRD outlining the project goals, requirements, and timelines for the team to follow

Diversity Director

Jun 2022 – Present

Cal Poly Women Involved in Software and Hardware (WISH)

San Luis Obispo, CA

- Promote diversity, equity, and inclusion in engineering by organizing club events related to diversity in tech
- Engage and collaborate with programs that support over 10,000 underrepresented students such as the Multicultural Engineering Program

Study Session Leader

Jan 2022 – Jun 2023

California Polytechnic State University

San Luis Obispo, CA

- Promoted student learning by providing one-on-one and small group support to reinforce classroom topics
- Simplified complex concepts in calculus to enhance foundational understanding

PROJECTS

LinkedUp | *CSS, React, React-Bootstrap*

- Collaborated on the development of an event-planning website over a 5-week period with 3 other team members, utilizing an agile methodology with 3 sprints
- Responsible for the design and front-end development using React Bootstrap and CSS, resulting in a visually appealing and user-friendly website

World-Changing Event Game | *Java*

- Created a game wherein a mouse click causes a tsunami that spawns animated entities which transform the appearance and functionality of other entities
- Utilised Java's Processing library, OOP principles, and factory design pattern techniques to implement and improve upon smart pathfinding algorithms such as A* for entities
- Added new functionality to an existing code base and evaluated the design based on the experience of building upon the code base

TECHNICAL SKILLS

Languages: Python (Proficient), SQL (Intermediate), C++ (Intermediate), Java (Familiar), R (Familiar)

Frameworks: React, React-Bootstrap

Developer Tools: Git, Jira, PyCharm, RStudio, VS Code