

Naysa Chopra

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EDUCATION

UNIVERSITY OF CALIFORNIA - SANTA CRUZ

Bachelor of Science (B.S.) in Technology Information Management | GPA: 3.7

Santa Cruz, CA

SEP 2021-Mar 2025

Relevant Coursework: Systems Analysis and Design, Data Structures and Algorithms, Computer Systems, Computer Networks, and Database Management Systems

EXPERIENCE

Technical Support Specialist

Sep 2023 - Present

UCSC Information Technology Services

Santa Cruz, CA

- Managed campus computer hardware intake, e-waste disposal, and electronic media security.
- Conducted hardware upgrades, deliveries, and comprehensive documentation whilst dealing with customer service.
- Maintained meticulous documentation through tickets, email communications, and knowledge base articles.

Quality Assurance/Front-End Intern

Jun 2024 - Aug 2024

YUKKA LAB

Berlin, Germany

- Developed a comprehensive design system for a website, ensuring consistency and scalability across the platform while gaining hands-on experience with Angular.
- Conducted rigorous product testing to evaluate AI capabilities, deepening my understanding of AI technologies and their practical applications. Created reports for testing website to ensure companies practicing sustainability receive an accurate ESG score
- Actively participating in sprint meetings and deepened my understanding of project workflows but also enhanced my presentation skills

Web Developer

Jun 2022 - May 2024

Tech4Good

Santa Cruz, CA

- Translated Figma prototypes into interactive front-end Angular UI components using HTML, CSS, and TypeScript
- Contributed to the development of Annota, an innovative platform that leverages AI to enhance collaborative hands-on learning for qualitative analysis and social computing research

PROJECTS

Portfolio Website | Javascript, HTML

- Developed an interactive 3D portfolio using Three.js in React, built with Vite
- Integrated dynamic visual elements like 3D objects and animations, inspired by modern web design trends
- Leveraged external assets with appropriate licensing to enhance the aesthetic and functionality of the site.

TCP Router | Python, Networking, ICMP, TCP, UDP

- Developed a software-defined router that managed network traffic using subnet-specific topology rules
- Implemented logic for ICMP, TCP, and UDP forwarding between departments while blocking unauthorized traffic
- Programmed in Python, adhering to strict network rules for routing without using flooding techniques.

Database Management System | PostgreSQL, Python

- Created a dental clinic database management system to handle patient, dentist, visit, and treatment records.
- Implemented Python functions for patient tracking, visit management, and reporting using complex queries and stored procedures

ADDITIONAL SKILLS

- **Languages:** Python, C, C++, TypeScript, HTML, CSS
- **Frameworks and Databases:** React, Angular, PostgreSQL
- **Technologies and Tools:** Git, Figma, Scrum, AI Testing, Agile Development, UML Modeling, TCP/IP Networking, Scratch