

Naya Singhania

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EDUCATION

San José State University – *San José, California*

Aug 2023 – May 2027

- Bachelor's of Science in **Computer Science** (College of Science)
- Cumulative GPA: 3.67/4.00 | Honors: **Dean's Scholar** (Dec 2023)
- Relevant Coursework: Data Structures and Algorithms (Java), Object Oriented Programming (Java)

EXPERIENCE

Full Stack Engineering Intern – *Y Stem and Chess*

May 2024 – Aug 2024

- Migrated the frontend educational platform from Vue.js to **React.js** and integrated it with existing backend resources
- Increased speeds for our **100+** student users and increase efficiency and code readability within our ~10 person team
- Integrated websockets into a virtual chess board to allow users to play **low-latency** chess games and learn chess
- Collaborated with **multiple teams** to uphold coding standards and meet project deliverables

Full Stack Developer – *Software and Computer Engineering Society @ SJSU*

Sep 2024 – Present

- Collaborating with a team of **10** students to create a campus wide scheduling tool for the **36000** students at SJSU
- Leveraging **Next.js**, **PostgreSQL**, and **web scraping** to allow users to find professors based on databases of courses
- **Redesigning** the club website, representing our 2500+ members, to implement a user friendly design using React.js

Frontend Developer – *Association for Computing Machinery @ SJSU*

Sep 2024 – Present

- Developing the onboarding flow for our **1000+ members** to increase member engagement and opportunities
- **Collaborating** with designers and backend devs to implement the UX/UI on the website using **Figma** and **React.js**

Webmaster – *Spartan Disability Alliance*

Jan 2024 – Present

- Partnering with graphic designers and web developers to launch the organization's official website made with **Next.js**
- Adhering to web **accessibility** standards using web dev tools to provide complete accessibility for our **50+** members

PROJECTS

Persona.fm – *Typescript, Next.js, PostgreSQL, Generative AI APIs, Tailwind, Supabase, GCP, Figma* June 2024 – Present

- Developing a web app that uses **generative AI** to provide last.fm users with a persona of their listening habits
- Implementing a **PostgreSQL** database via Drizzle ORM and Google OAuth Authentication using Google Cloud
- Integrating the **Open AI API** and Last.fm's (music service) API to provide AI-generated music "personas" for a user
- Maintaining the project as **open source**, keeping documentation up to date, and engaging with 10+ contributors

Aitermis – *Python, FastAPI, Generative AI APIs*

Oct 2024 – Present

- Developing a terminal-based **AI assistant** that helps users find the right commands when working in the terminal
- Leveraging **OpenAI's API** to allow users to get the commands they need by asking the AI in natural language
- Implementing **FastAPI** to **securely** connect the terminal with the AI while protecting API keys

ChairSense – *Embedded C++, Arduino*

Sep 2021 – Dec 2021

- Researched **obstacle detection** devices for people in wheelchairs and found no affordable and simple solution
- Prototyped and **programmed** a small, low-cost device for wheelchairs that detects obstacles to prevent collisions

TECHNICAL SKILLS

Languages: Typescript, Javascript, Python, HTML, CSS, PostgreSQL, Java, Embedded C++

Frameworks/Libraries: Next.js, React.js, Tailwind CSS, FastAPI, Generative AI APIs

Development Tools: Supabase, Google Cloud Platform (GCP), Figma