

Nikharv Domadiya

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EDUCATION

San Jose State University

B.S. Computer Science (Cum. GPA: 3.6)

San Jose, CA

Jan. 2022 – May 2025

Puna International School

High School (Cum. GPA: 4.0)

Ahmedabad, India

Jun. 2019 – Jul 2021

COURSEWORK

Introduction to Programming, Data Structures and Algorithms, Introduction to Computer Systems, Formal Language and Computation, Object Oriented Programming, Information Security, Parallel Processing, Operating Systems

PROJECTS

Food Macro Nutrient Tracker | *Java, Java Swing, SQLite DB*

Aug 2023 – Dec 2023

- Developed an software using Java, enabling users to track daily macronutrient intake and make informed dietary choices.
- Designed and implemented the app's database structure using SQLite.
- Designed an intuitive and user-friendly user interface (UI/UX) that allowed for easy food data entry, tracking, and user profile management.
- Conducted testing, worked closely with team member to check the app's functionality and user experience.
- Collaborated on planning future enhancements, including the integration of barcode scanning functionality.

Web Application with Django | *Python, Django, Bootstrap, HTML*

Nov. 2023 - Jan. 2024

- Created a web video rental application using python and Django.
- The project was focused on learning python and not on creating a fascinating looking website.
- Deployed the project on cloud platform Heroku. Also made an API available in JSON.

Single Threaded HTTP Server | *Rust*

Jan. 2024 – Feb. 2024

- Created a real HTTP server in Rust, able to handle single request at a time.
- Designed modules for request handling, server management, and content delivery to serve static websites effectively.
- Utilized Rust's ecosystem tools like Cargo for dependency management and standard libraries for network programming, showcasing practical skills in software development with Rust.

EXPERIENCE

Vice President of Internal Relations

SJSU SAC

Jan. 2023 – Present

San Jose, CA

On-Call Event Student Assistant

University Police

Aug 2023 – Present

San Jose, CA

Summer Conference Assistant

University Housing Services

May 2023 – Aug 2023

San Jose, CA

MailRoom Student Assistant

University Housing Services

Aug 2023 – Present

San Jose, CA

TECHNICAL SKILLS

Languages: Java, Python, C, Rust, C++, Javascript, HTML, CSS

Developer Tools: VS Code, PyCharm, IntelliJ, Eclipse, JFLAP

Achievement: Dean's Scholar, AIR 204 Technothon, AIR 95.25 percentile JEE MAINS'21

Involvement: Accessible Education Center, CUBE³, Computer Science Club, Hiking Club