

ROSHNI VAKIL

PROFILE

Recently graduated computer science undergraduate student.

I consider myself persistent, reliable, and inquisitive.

I am looking forward to my first computer science related work experience.

CONTACT ME



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San Francisco Bay Area

PROJECTS PORTFOLIO

<https://roshni-v.github.io/my-portfolio/>

PROGRAMMING LANGUAGES

- **Excellent:** Java, Python
- **Proficient:** C, C++, HTML & CSS, JavaScript, SQL, Pandas Library
- **Familiar:** C#, XAML

EDUCATION

California Polytechnic State University, San Luis Obispo, CA
Bachelor of Science, Computer Science, 3.35 GPA

September 2020 - June 2024

Studied Abroad 2022 Fall Quarter in Rome, Italy

Relevant Coursework: Dynamic Web Development (Lit with TypeScript, Express), Intro to Computer Security, Intro to Operating Systems (C), Data Structures (Python), Design and Analysis of Algorithms (Java), Project-Based Object-Oriented Programming and Design (Java), Software Engineering I & II (.NET MAUI Blazor Framework), Intro to Data Science (Pandas), Intro to Database Systems (SQL), Systems Programming (C), Technical Writing for Engineers

WORK EXPERIENCE

Student Software Developer

Demo Studios, Inc. | January 2024 - June 2024

- Researched and gained understanding of Auth0 authentication
- Used React.js to create the in-production user profile dropdown and linked pages: profile/settings, billings, and plans (following a Figma prototype)
- Created an API endpoint to communicate with the database, rendering and enabling editing of user details on the profile page

Library Research Assistant Technician (LibRAT)

Robert E. Kennedy Library | January 2021 - June 2024

- Conducted workshops for first-year classes about the best practices and key facets of academic research
- Helped students both virtually and in-person with navigating Cal Poly's informational databases
- Provided guidance about students' research projects
- Named LibRAT of the year for 2022-2023 school year

PROJECTS (Further Elaborated in Projects Portfolio)

Vanguard ETF Analysis Project (Individual)

- Developed a Python program to collect and analyze Vanguard ETF data
- Gained practical experience in web scraping using BeautifulSoup and Selenium
- Utilized Pandas for data visualization and analysis
- Produced a shortlist of suitable ETFs based on personal criteria

Museum App Project (Collaborative)

- Helped build a multi-platform Museum Event App
- Primary developer of "add new event" page, incorporated data binding for input fields
- Used .NET MAUI Blazor, C#, XAML for UI