

# ROSHNI VAKIL

## PROFILE

Final year 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 Luis Obispo, CA, USA

## PROJECTS PORTFOLIO

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

## PROGRAMMING LANGUAGES

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

## EDUCATION

**California Polytechnic State University, San Luis Obispo, CA**  
**Bachelor of Science, Computer Science, 3.3 GPA**

**September 2020 - Present**

Relevant Coursework: 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), Introduction to Data Science (Pandas), Introduction to Database Systems (SQL), Systems Programming (C), UI/UX (Figma)

Studied Abroad 2022 Fall Quarter in Rome, Italy

**Dublin High School, Dublin, CA**

**Dublin Engineering and Design Academy Graduate, 4.3 GPA**

**August 2016 - May 2020**

Girls Who Code Club President, Four-time Robotics Club Competition Team Member, Class of 2020 National Merit Finalist

## 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

## WORK EXPERIENCE

### Library Research Assistant Technician (LibRAT)

**Robert E. Kennedy Library | January 2021 - Present**

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