# Riya Mathur

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## EDUCATION

**University of San Francisco**                                                         San Francisco, CA
*Bachelor of Science in Computer Science, GPA: 3.54/4.0*                        *Jan. 2022 – May. 2025*

Relevant Coursework: C and Systems Programming, Computer Architecture, Data Structures and Algorithms, Data Visualization, Databases (SQL), Discrete Mathematics, Intro to Computer Science I & II, Linear Algebra, Operating Systems, Programming Language Paradigms, Statistics, Software Development

## TECHNICAL SKILLS

- **Programming Languages**: C, D3.js, Haskell, HTML/CSS, Java, JavaScript, Python, R, RISC-V, SQL

- **Frameworks & Libraries**: Apache OpenNLP, JUnit, React Native

- **Tools & Platforms**: Alteryx, Confluence, Git, Google Cloud, Jira, Power BI, Tableau

## EXPERIENCE

**Data Analytics Intern**                                                            Sept 2024 – Present
*CODEPINK SF*                                                                          *San Francisco, CA*
- Designed interactive data visualizations highlighting key social issues, increasing advocacy efforts and public engagement on the webpage
- Reduced website load time by 60% by optimizing front-end code (HTML/CSS, JavaScript) to improve user experience for over 20,000 monthly visitors
- Automated Python scripts to streamline data collection, reducing manual workload by 40% while ensuring up-to-date insights from third-party data sources
- Collaborated with cross-functional teams to deliver accurate data insights used in public policy campaigns

**Vice President**                                                                      May 2022 – Present
*Women in Technology eBoard*                                                           *San Francisco, CA*
- Organized and facilitated Git and Leetcode workshops for over 50 attendees to improve their technical skills and career readiness
- Increased team engagement by 70% by revamping social media strategy and digital outreach, which resulted in stronger alumni and industry connections
- Spearheaded merchandise marketing efforts, raising $1,000+ in funds to support club activities
- Coordinated weekly executive board meetings by preparing agendas, tracking progress on ongoing initiatives, and delegating tasks to meet project deadlines

**Data Analytics Intern**                                                           Jun. 2024 – Aug. 2024
*Wells Fargo*                                                                             *Charlotte, NC*
- Directed the migration of over 350 terabytes of data to Google Cloud Platform, collaborating with cross-functional engineering teams in an Agile environment to ensure timely feature completion
- Developed SQL and Python scripts to track critical cluster metrics and enabled accurate data center exit prioritization for the Enterprise Data Lake
- Built Power BI dashboards used by senior leadership to accelerate decision-making, directly improving migration strategy efficiency by 20%.
- Implemented security metrics using Alteryx to assess data sensitivity and determine the appropriate storage solution for tenant applications.

**Software Development Intern**                                                      Jun. 2023 – Aug. 2023
*Thaddeus Resource Center*                                                              *San Dimas, CA*
- Engineered the first mobile app for Thaddeus Resource Center using React Native, designed to provide 60,000+ foster children access to essential resources
- Developed a responsive calendar interface to help users seamlessly track events, appointments, and reminders
- Authored and published technical articles on AI biases, enhancing the organization's digital presence and contributing to thought leadership in the AI ethics space
- Mentored and onboarded 15 new interns, reducing onboarding time and improving team productivity

## ACCOLADES

- **Provost Scholarship,** *Awarded by the University of San Francisco*
- **Dean's List (Spring 2022, Fall 2022, Spring 2023, Spring 2024),** *Associated with the University of San Francisco*