RAINA ZABASAJJA

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SUMMARY

Motivated Software Engineering student at San José State University with hands-on experience in Python, Java, Swift, and JavaScript. Demonstrated leadership through founding coding organizations and mentoring peers in technical workshops. Passionate about exploring software development, product management, and technical program management. Seeking the Microsoft Explore Program Summer 2026 to contribute collaborative energy, problem-solving skills, and eagerness to learn across the product development lifecycle.

EDUCATION

B.S. in Software Engineering   **Expected May 2029**
San José State University – San Jose, CA
- Relevant Coursework: Introduction to Computer Science, Calculus I & II, Data Structures, Object-Oriented Programming
- Founder & President, **Swift Coding Club**
- Technical Development Board, **Girls Who Code @ SJSU**
- Professional Development Chair, **Society of Women Engineers (SWE)**

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, Swift, SQL, Spanish (Proficient)
Frameworks & Tools: React, SwiftUI, Xcode, Git/GitHub, VS Code, APIs, UI/UX Design, Jupyter
Databases: PostgreSQL, MySQL
Core Competencies: Collaborative Development, Problem-Solving, Mentorship, Agile Workflows

PROJECTS

Invara - AI Email Assistant   **2025**
- Designed and developed an AI agent that summarizes emails and generates contextual responses using Python and machine learning
- Implemented natural language processing workflows to parse email content and extract key information

Spotify API Workshop Platform   **2025**
- Developed an interactive workshop curriculum teaching API integration using Spotify's REST API
- Created hands-on coding exercises for 75+ participants to build music recommendation features
- Facilitated peer learning sessions on authentication, data retrieval, and JSON parsing

Variety Quant - AI/ML Trading Automations   **2025**
- Designed and tested Python-based predictive models for stock and options market analysis
- Gained experience with data analysis, model iteration, and cross-functional collaboration

PROFESSIONAL EXPERIENCE

Nordstrom – Cashier & Sales Floor Support   **Jan 2024 – Aug 2025**
- Delivered high-quality customer service in a fast-paced retail environment.
- Managed inventory intake, stock accuracy, and product availability.
- Partnered with team members to improve operational efficiency and customer experience.