

# Jardina Gomez

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## EDUCATION

Siena College, Loudonville, NY

Bachelor of Science, Major in Computer Science, Minor in Mathematics

May 2025

GPA: 3.2

Achievements:

Presidential Scholar: 2020-present

Dean's List: Fall 2022, Spring 2023, Spring 2025

Clare Booth Scholarship Recipient

Upsilon Pi Epsilon Honor Society Member

## SKILLS

**Proficiency in:** Java, Python, HTML/CSS, Swift, Oracle/SQL, C, Bash, R, VBA

**Familiar with:** Git, Visual Studio Code, Linux, MySQL, Eclipse, GitHub, Excel, R Studio, XCode

**Bilingual:** Fluent in Spanish - writing, reading, and speaking

## RELEVANT EXPERIENCE

**Data Entry Intern, Pursuit, Albany, NY**

May 2024 – December 2024

- Part of the Servicing, Modifications Department.
- Responsible for developing a robust financial reporting framework using VBA macros, significantly enhancing data accuracy and operational efficiency. This system automated critical data management tasks.

**PROFESSIONAL PROJECT - Automated Past Due Loan Report, Pursuit, Albany, NY**

May 2024 – present

- Engineered a VBA macro-driven automation system to streamline the classification and reporting of past-due loans, enhancing efficiency and accuracy in financial reporting.
- Enhanced data validation, integrity, and operational efficiency by identifying discrepancies in non-accrual loan exposure and implementing automated real-time adjustments, while also developing an Import Data function to seamlessly integrate external report data, reduce manual input errors, and ensure more reliable financial reporting.

**Independent Research Study: Registrar's Room Scheduling Assistant**

September 2024 – December 2024

- Led the requirement gathering and analysis for an automated room scheduling tool to optimize course scheduling for the Registrar's Office, created Figma mockups to design an intuitive user interface (UI), ensuring ease of use for administrative staff.
- Applied software engineering principles, including optimization algorithms, data management, and user-centered design, to enhance scheduling efficiency, collaborated with non-technical stakeholders to ensure the solution met institutional needs, gaining experience in real-world software development and Agile planning.

**Web Design Intern & Independent Study, Schenectady High School, Schenectady, NY**

September 2023 - August 2024

- Helped partner high school in teaching a college web design course having several non-English speaking students in a classroom.
- Translated materials to Spanish to help non-native students understand the material being taught in the Web Design Course, materials included HTML and CSS.

## PROJECTS

**Project ServicePi: An Autonomous Service Dog Robot, Jardina Gomez and William J.V.V** September 2023 - December 2023

- Goal of the ServicePi was to create a robotic system that could navigate around an area while guiding someone, offering an ethical solution to a very pressing need to the visually impaired.
- Implemented the open-source framework ROS, a LIDAR scanner, for mapping and obstacle detection. Teb Local Planner for both collision avoidance and dynamic path planning.

**Software Engineering Capstone Project – Drinksity**

**Dev Member**

- Engaged in Quality Assurance (QA) with a major focus on creating robust testing routines for the front-end, systematically eliminating existing and potential bugs to ensure a seamless user experience. Developed and optimized SwiftUI-based UI components, ensuring an intuitive and responsive user experience.
- Integrated Firebase for real-time drink and event data management, implemented Firebase Authentication, and optimized data retrieval to enhance performance. Collaborated in Agile development cycles, participating in sprint planning, daily stand-ups, and code reviews, contributing to an iterative and efficient development process.
- Tech Stack: Swift, SwiftUI, Firebase (Auth), Xcode, Git, Agile (Scrum)

## CAMPUS AND COMMUNITY ACTIVITIES

**Secretary, Women in Computing, Loudonville, NY**

September 2022 - present

**BIPOC Panelist, Siena College, Loudonville, NY**

April 2024