# Agata Holt

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## SKILLS

- *Languages:* Fluent in English and Portuguese (Written and Verbal), intermediate in Spanish (Written and Verbal).
- *Programming Languages*: Python, C, C++, Java.
- Lead teams to encourage collaboration to achieve common goals.
- Critical thinking with strong ability to analyze and solve problems.

## EDUCATION

**Bachelor of Science in Computer Science, Minor in Mathematics**　　　　　　**August 2023 - May 2027**

*St. Mary's University, San Antonio, TX*

- Cumulative GPA:3.6, Major GPA: 3.5

*Scholarships:* Gateway Scholarship (August 2023)

*Relevant Coursework:* Cybersecurity Risk Management, OOP I and II, Data Structure, Algorithms

*Future Coursework*: Computer Network, Software Engineering, Operating Systems, Cloud Computing Security.

*Future Certifications:* CompTIA Security + (in progress).　　　　　　**Expected: December 2025**

## ACADEMIC PROJECTS

**Leap Year Finder**　　　　　　**January – May 2025**

- Developed a Python-based utility to calculate the next 20 leap years using mathematical logic and divisibility rules.
- Implemented control flow with loops and conditionals to handle edge cases, including century-year exceptions.
- Ensured data integrity in date calculations, supporting secure scheduling systems and calendar-based automation tools.

**Library Management System**　　　　　　**January – May 2025**

- Designed and deployed a console-based library system to manage books, users, and transactions with role-based access control.
- Developed code to allow users to access their accounts using secure personal information to maintain audit trails of activity.
- Enhanced operational efficiency while integrating basic authentication logic and data validation to prevent misuse and ensure system resilience

**Student Information System with Structures**　　　　　　**January – May 2025**

- Engineered a lightweight academic database using C structures to securely store student details (name, age, grades).
- Applied data encapsulation and modular functions to manage input/output and compute grade averages.
- Emphasized secure data handling and access control logic, ideal for small-scale education tech with privacy-aware design.

## WORK EXPERIENCE

**Bartender**

*Brasão Brazilian Steakhouse, San Antonio, TX*　　　　　　**December 2023 – Present**

- Communicated effectively with customers, explaining a wide variety of drinks and tailoring recommendations to their preferences.
- Delivered fast and accurate service in a high-volume, high-pressure environment.
- Maintained detailed knowledge of ingredients, recipes, and presentation standards to ensure consistency and quality.
- Built strong customer relationships by listening, adapting, and providing a welcoming experience.