

Sharlyn Barreto

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EDUCATION

CUNY Queens College

Bachelor of Arts

Major: Computer Science

Expected May 2026

GPA: 3.1/4.0

SKILLS/RELEVANT COURSEWORK/LEADERSHIP

Skills: C++, Java, HTML, CSS, Javascript, Excel

Relevant Coursework: C++ OOP, Java OOP, Discrete Structures, Assembly Language, Data Structures & Algorithms

PROJECTS

APPOINTMENT ALGORITHM

December 2023

Business Website

- Introduced service selection and image galleries, boosting client approval by 40%
- Implemented Firebase for streamlined data management, enhancing system efficiency
- Integrated reminder notifications, increasing client retention by 60%

TOWERS OF HANOI

September 2023

Hanoi Problem Solver

- Utilized a recursive C++ algorithm to showcase strong problem-solving skills by efficiently solving the Tower of Hanoi
- Improved user interaction with an intuitive command-line interface displaying detailed instructions to solve the problem
- Maximized performance and efficiency through C++ programming, adeptly managing various quantities of disks

ROMAN NUMERAL ALGORITHM

May 2023

Numerical Sorting Converter

- Designed a Java program that converts Roman numerals to Arabic numbers and arranges them in descending order
- Utilized Java's Object-Oriented Programming to enhance runtime performance and economize on storage resources
- Improved the Java application with robust input validation to identify errors and provide user-friendly error messages

LEADERSHIP

ISACA (Information Systems Audit and Control Association)

December 2023 - Present

Director of Marketing

Flushing, NY

- Enlisted 40+ students to assemble 20+ teams to compete in the ISACA National Cybersecurity Case Study Competition
- Coordinated 8+ diverse events with board members, to promote Cyber Certifications and Cyber Security Awareness
- Elevated event attendance by 50% and expanded club membership by 30% through targeted social media promotions

EXPERIENCE

Anassa Taverna

April 2022 - Present

Bartender & Server

New York, NY

- Organize 250+ shipments & bottles to upkeep inventory and maintain serving efficiency
- Improve relations through proactive engagement resulting in a loyal base of 50+ customers
- Skillfully employ upselling strategies to complement customer orders increasing weekly revenue by 30%

Williamsburg Charter H.S

March 2022 - Present

Teacher Intern

Brooklyn, NY

- Collaborate with faculty members to individually map 100+ lesson plans for 30+ students, increasing graduation rates by 85%
- Incorporated a survey identifying prevalent student interests, resulting in increased student participation and retention
- Ensure student safety by conducting monthly emotional check-ins & behavioral drills to practice emotional coping strategies