

# ESTHER MALLEN

Bronx, New York, NY 10452

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*Determined and self-motivated computer science student with technical skills like SQL, CSS, and C++, as well as soft skills like teamwork, problem-solving and communication. Won first place in an Ideathon competition, by creating a website with a prototype of an app alongside a group of computer science and marketing students.*

## EDUCATION

**Bachelor of Science, Computer Science**, The City College of New York, December 2025

**Associate of Science, Computer Science**, Borough of Manhattan Community College (BMCC), December 2022

**GPA: 3.7**

## RELEVANT COURSEWORK

Database Systems, Cloud Computing, Advance Programing Techniques, Discrete Structures, Software Development, Fundamentals of Computer Systems, Algorithms.

## QUALIFICATIONS

**Technical Skills:** HTML, CSS, Bootstrap SQL, C++, Visual Studio Code, Atom

**Key Skills:** HTML, CSS, Bootstrap SQL, C++

**Core Qualities:** Teamwork, Problem-solving, Communication, Patience, Collaboration

**Languages:** Spanish

## PROJECTS

**Ideathon - Consumer Safety Team:** Applied computational thinking to create a proposal to inform and enhance Con Edison's public outreach. Built a website with a prototype with other computer science and marketing students. Proposed the tool we used to create the website and design. (Spring 2022)

## EXPERIENCE

**Intern, BMCC Tech Learning Community Internship, BMCC, New York, NY** June/2022-July/2022

- Implemented ideas from the IDEATHON Project into an app or website using MongoDB, Node.js, HTML, CSS, and JavaScript.
- Developed a forum page using JavaScript

## VOLUNTEER WORK

**City College Aerodynamics Laboratory, Manhattan, NY**

June/2023-August/2023

*Volunteer*

- Helped organize the lab. Worked on the process of creating a drop generator for a researcher's project.

## HONORS/AWARDS

*Scholar*, TheDream.US Scholarship, 2023 – Present

*Recipient*, Dean's List, Borough of Manhattan Community College, Fall 2021, Spring 2022, Fall 2022

*Recipient*, First Place in BMCC Ideathon, Borough of Manhattan Community College, 2022

## CERTIFICATIONS

Solving Problems with Critical and Creative Thinking certification, IBM SkillsBuild, March 2022