

# Ayesha Jamal

• New York City • [jamalaysha000@gmail.com](mailto:jamalaysha000@gmail.com) • [Ayesha's Website](#) • [LinkedIn](#)

## EDUCATION

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### Queens College CUNY

**Major: Computer Science, Minor: Arabic**

**Expected 2026**

Relevant Coursework: *Data Structures, Object Oriented Programming in C++ & Java, Computer Architecture, Theory of Computation, Calculus 1 & 2, Discrete Structures*

## TECHNICAL SKILLS

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**Technical languages:** C++ (Proficient) | Java (Proficient) | Python (Proficient) | HTML (Beginner)

## EXPERIENCE

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### Software Engineer Intern

*Permanence AI, New York City*

Jan 2025

- Designed and tested optimized prompts to improve the performance of LLMs for python code generation using MyOpenAI API, experimented with parameters to understand the behaviors.
- Analyzed patterns of safe and unsafe code and trained the ML classifier to improve its accuracy.
- Investigated the different Hallucinations Mitigations Techniques in LLMs.

### Global Technology Service Management Intern

Jan. 2023

*Barclays | Whippany, New Jersey*

- Engaged in software development using C++ to architect and implement an efficient system monitoring solution. This software effectively tracked various systems' activities throughout the day, culminating in generating comprehensive daily reports.
- Operated within a dynamic and intricate environment, fostering robust team collaboration and adaptability
- Crafted a compelling presentation for the department head, effectively conveying the project's significance and functionality.

### Bobarista & Cashier

April. 2022 - Nov 2022

*Boba Guys | New York City*

- Used Square to take on orders and help process transactions with exceptional accuracy. Learned new recipes while maintaining old recipe knowledge.
- Collaborate with a team in a fast-paced environment to fulfill customers' needs. Maintained an organized and efficient working space.

### Intern

July. 2022 - August 2022

*Peace Boats US NGO UN. (SYEP) | Manhattan, New York*

- Participate in various projects aimed at promoting international understanding and cooperation. Reported activities on our website and online newsletters/magazines.
- Conduct research and write reports on various issues and activities. Attend Conferences at the United Nations and write reports.

## PROJECTS:

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[Permanence AI Project](#) - This project is one that me and my partner Anne Belenko did for our internship at Permanence AI. We wanted to test different classifiers and LLMs to see which performs better in figuring out good vs bad code. This was also a way to encourage safer, and better code. Here are our slides to describe the timeline and project in full. [Slides!](#)

**LANGUAGES:** Pashto | Urdu | Hindi | English |