

MARIA BARRERA

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EDUCATION

Hunter College

Bachelor of Arts in Computer Science, Minor in Mathematics
GPA: 3.7/ Dean's list - All Semesters

Manhattan, NY
Expected May 2025

Cornell University

Machine Learning Certification (through eCornell)

Online
August 2023

PROFESSIONAL EXPERIENCE

Breakthrough Tech | ASSAP

Machine Learning & AI Fellow

New York, NY
August 2023 - April 2024

- Responsible for the data cleaning of 10k+ agents/clients conversations; Data used on an AI model project using Hugging Face transformers
- Lead weekly team meetings to discuss project progress, issues, and potential solutions
- Create bi-weekly reports of project progress and discuss with an ASSAP assigned advisor

SEO (Sponsors for Educational Opportunity)

Tech Developer Intern

New York, NY
June 2023 - August 2023

- Completed 300+ hours of rigorous computer science and software engineering training focused on full-stack development, data structures, and algorithms
- Gained expertise in web application development by building projects using Python(Flask)/HTML/ CSS/MySQL
- Strengthened Python programming skills through the implementation of a chatbot GIF game that challenges users to guess movie titles based on GIFs
- Developed a website to study flashcards using AI, allowing users to create personalized flashcards with AI-generated content based on user input

JPMorgan Chase & Co.

Junior Coder

Jersey City, NJ
September 2019 - July 2022

- Implemented automated deployment processes in Jules (Jenkins) by creating and configuring Jenkinsfile and YAML files. This significantly simplified and improved implementation processes by eliminating error-prone manual tasks of a team project
- Led daily meetings to discuss project status using agile methodology; Created reports of the team's progress to present to the manager
- Updated the user interface of the company's internal website using HTML making it easier for employees to navigate internal resources

EXTRACURRICULAR EXPERIENCE

Basta

Fellow

Remote
September 2023 - Present

- Selected to participate in a rigorous 10-week fellowship career prep program designed to support first-generation college students and land a great entry-level position

Management Leadership for Tomorrow (MLT)

Career Preparation Fellow

Feb 2023 - Present

- Selected among thousands of applicants to participate in a Career Preparation program focused on professional and leadership development
- Attend conferences hosted by Industry Partners to engage with industry experts and fellow professionals, fostering meaningful connections and valuable insights

OpenSource ERPs Hackathon

Participant

New York, NY
May 2019

- Created an App to sell products online using React as the main programming tool; The team won second place

SKILLS

Python, C++, HTML/CSS, Flask. **Fluent** in Spanish.