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New York, NY

Education

CUNY: Baruch College

Bachelor's in Computer Science

August 2025 – May 2027

New York, NY

CUNY: Borough of Manhattan Community College

Associate's in Computer Science

August 2023 – May 2025

New York, NY

Experience

Software Engineer Intern

NYC Department of Citywide Administrative Services

August 2026 – Ongoing

New York, NY

- Used C#, ASP.NET and SQL Server to fix Electric and Gas data pipeline so that data from vendors is regularly updated to the database without any duplicates.
- Participated in daily Scrum/Agile standups to share progress, gather feedback from senior engineers and align with sprint goals.

Research Assistant

Borough of Manhattan Community College

June 2026 – August 2026

New York, NY

- Used C++, Google Gemini Live API and YOLO to develop software for AI-powered glasses to assist blind people with indoor tasks such as cooking, finding objects and navigation.
- Built and optimized a low-latency, real-time streaming backend using Python, FastAPI and WebSockets to create smooth audio live assistance for users.
- Held weekly meetings with the hardware team to discuss needs and requirements for the project and review our goals.

Data Science Intern

Bombora

February 2026 – May 2026

New York, NY

- Used Python, Google Vertex AI, Kubeflow and Google Cloud Platform (GCP) to develop an automated URL classification pipeline with an ETL workflow to replace a manual classification process for team members.
- Conducted peer reviews with team members and presented findings and insights to key stakeholders to support decision-making and future projects.
- Used Claude Code to prototype solutions and assist with debugging and automating tasks.

Software Engineer Intern

DNR Studios

July 2025 – August 2025

New York, NY

- Used C#, ASP.NET Core and SignalR to develop a real-time messaging system for an Android application that allows users to chat with each other privately.
- Created a third-party podcast section in the application using .NET MAUI, XAML and RESTful APIs to provide additional content to users.
- Worked with 3 teammates where we reviewed each other's code and implemented fixes before the next meeting.

Projects

Physics Simulator & Education Platform

August 2025

- Used HTML, CSS, JavaScript, React and Node.js to build a physics education platform for students to explore physics concepts such as Torque through interactive 2D simulations.
- Built a voice chat using WebRTC and WebSockets so that students can collaborate on physics problems together.
- Collaborated with 3 teammates to plan the project using GitHub Projects and did daily standup meetings to monitor progress and make sure we are on the right track.

Bus Route & Neighborhood Risk Analysis (MTA Datathon)

September 2025

- Built an interactive risk analysis dashboard using TypeScript to visualize bus route and neighborhood risk scores for analyzing bus safety patterns in specific areas.
- Cleaned, merged, and structured multiple raw datasets such as bus speed data using Python and Pandas for dashboard visualization.
- Collaborated in a 4-person team and earned an Honorable Mention at the Datathon.

Policy Analyzer for Stock Impact (Hackathon Project)

November 2025

- Built a full-stack web application using Next.js, TypeScript and Vercel that lets users search Congressional bills and see how they affect industries in the real world.
- Integrated Google Gemini 2.5 Flash via OpenRouter to analyze long legislative texts and generate explanations of how each bill affects different industries.
- Designed a database using Supabase to store bills, companies and industries and allow users to securely log in.