

Ali Mustafa

New York, NY | (716) 524-0712 | mohammadali7477@gmail.com | LinkedIn | GitHub

EDUCATION

Queens College, City University of New York,
Bachelor of Science in Computer Science

New York, NY
Expected May 2026

Scholarships: APIA Scholar, Freda Stern Johnson Scholar

Skills

Languages & Frameworks: Python, TypeScript, React, Express

Data & Tools: MySQL, Firebase, Tableau, Power BI, Pandas, PySpark

PROFESSIONAL EXPERIENCE

Blackstone

June 2025 – August 2025

Launch Pad | Software Engineer Intern

New York, NY

- Developed and optimized website flows, boosting customer acquisition and engagement by **70%** through improved user experience and automated lead pipelines.
- Designed and implemented multiple CRM solutions, including a custom lead generation system, enhancing lead tracking, qualification, and follow-up efficiency.
- Integrated advanced analytics tools to monitor user behavior, retention, and conversion, providing actionable insights for business growth.

Everest Associates

July 2024 – September 2024

Financial Data Intern

Jersey City, NJ

- Processed and validated over 1,000 financial records using internal accounting systems and Excel, ensuring data accuracy across monthly entries.
- Supported the preparation of quarterly audit packages and financial documentation, reducing retrieval time by 30% through improved file structuring and digital organization.
- Streamlined data entry by automating workflows with advanced Excel functions, reducing manual work by 25%.

StudentsWhoCode

June 2023 – September 2023

Software Engineer Intern

New York, NY

- Spearheaded the development of a Python course for the internship program, contributing to a more extensive learning engagement among elementary students and boosting their coding proficiency by 40%.
- Facilitated collaboration with the back-end team, streamlining workflows and accelerating delivery by 2–3 weeks.
- Developed and deployed a Python course with interactive modules on the company website, boosting student engagement and driving a 20% increase in traffic.

PROJECTS

MunchMates | *SwiftUI, Firebase*

- Developed a mobile application with a team to simplify restaurant selection using a Tinder-like experience for discovering and matching with nearby dining options.
- Integrated Firebase for real-time database management and user authentication, managing a pre-launch waitlist of over 120 users and launching an MVP to gather user feedback.
- Designed an interactive user interface with SwiftUI, implementing a sophisticated matching algorithm to rank restaurant choices based on user preferences and location data.

MedChain | *Python, Flask, React, Next.js*

- Developed a secure web application in a 48-hour hackathon with a team of four. Addressed medical data loss by securing patient records in individualized blockchains, ensuring robust security and transparency.
- Engineered a full-stack solution using a Python backend and a TypeScript/Tailwind CSS frontend, integrating a resilient blockchain system that provides immutable, real-time patient access to their medical data.
- Implemented a sophisticated blockchain framework that empowers patients with continuous, secure control over their records while managing project timelines and team collaboration through agile practices.

LEADERSHIP & EXTRA-CURRICULAR

- Event Manager, Code for All QC, New York, NY
- Event Manager, Student Union, New York, NY

September 2024 – September 2025

September 2024 – Present