

# Muhammad Chaudhry

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<https://github.com/MuhammadC11>

## Education

**Hunter College, NY, Computer Science BA - Daedalus Computer Science Honors, Dean's List** **Graduating 2026**

**Notable Coursework:** Data Structures and Algorithms, Computer Architecture, Discrete Mathematics, Statistics

## Projects

**Lowballd - Full-Stack Project** **December 2021 – August 2023**

- Designed and developed a feature-rich social media and e-commerce platform from the ground up, enabling users to easily create content, post listings, and engage with other users. Achieved 100 users in the first week. Created 15+ backend services to handle database interactions and user API requests.
- Utilized Auth0 and the Vue JavaScript framework to create a secure login system that protects user data. Built a backend database using Express.js and MongoDB, providing a stable and scalable foundation for our platform.
- Created 5+ models and 20+ backend services for user data to enhance the user experience and enabled the user to customize their profile as well as interact with other posts.

**Swim Workout Generator - Full-Stack Project @HackPrinceton** **April 2023**

- Collaborated with 3 developers to create a full-stack website in 36 hours at HackPrinceton. Built the front-end using Vue.js and extensive libraries, which generated a swim workout routine based on the user's input. Utilized Firebase to create a secure login system.

## Experience

**Hunter College School of Education - IT Assistant** **August 2022-December 2022**

- Provided comprehensive help desk support to over 500 graduate students and professors in the School of Education, offering troubleshooting assistance on a wide range of technical issues.
- Took a proactive approach to technology maintenance, conducting regular inspections and testing to minimize downtime.
- Facilitated the configuration and deployment of MacBooks to School of Education students, ensuring each device was fully functional and properly equipped with the necessary software and security protocols.

**Staten Island Technical HS - Help Desk Technician** **Summer 2021-Summer 2022**

- Managed a team of 6 underclassmen, mentoring them in troubleshooting complex technical problems, resolving 200+ support tickets, and teaching them valuable communication skills so they can serve as valuable resources for students and staff.
- Conducted network administration for over 500 devices using Aruba ClearPass server to configure and monitor access for new devices, ensuring network security and optimal performance.
- Provided hands-on administration and maintenance of school equipment, including over 300 iPads, laptops, MacBooks, and laptop carts, installing and configuring software to adhere to strict security and performance standards.

## Extracurricular Activities

- Vice President of Computer Science Club @ Hunter College (2023):**
  - Assisted the President with directing the club, coordinating events, overseeing operations, and presiding over club meetings.
  - Led technical Web Dev workshops with the Tech Lead.
- President Of Coding Club @ SI Tech HS (2018 – 2022):** Created slideshow lessons every week to teach underclassmen the basics of HTML/CSS, JavaScript, and Python towards an understanding of what the computer science course will offer in the upcoming years.

## LANGUAGES AND TECHNOLOGIES

- HTML, CSS, JavaScript, Python, C++, Vue.js, Express.js, MongoDB, Node.js, Git/GitHub, Figma, Make