

Muhammad Chaudhry

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EDUCATION

Hunter College, GPA: 3.75

New York, NY

B.A Computer Science, Minor in Math, Daedalus CS Honors, Dean's List

Expected Graduation Date: May 2026

Notable Coursework: Data Structures and Algorithms, Computer Architecture, Discrete Math, Web Dev, SQL

EXPERIENCE

Unadat - SWE Intern

February 2024-Present

- Spearheaded the development of automated features and user interfaces for Unadat's SAAS platform, leveraging technologies such as HTML, PHP, MySQL, Java, and JavaScript within the Google Cloud environment to enhance scalability and user experience.
- Employed agile methodologies using Jira/Asana and Discord/Microsoft Teams for effective project management and team collaboration, contributing to the successful delivery of key product milestones.
- Gained valuable industry insights and enhanced technical expertise through mentorship from experienced professionals, directly impacting the platform's strategic direction and product innovation

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 various 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.

PROJECTS

PillPal - Won Best Use of Google Cloud @ SBUHacks

February 2024

- Developed PillPal, a mobile app utilizing AI to assist users in understanding and managing their medications
- Implemented features allowing users to scan prescription bottles to retrieve medication information, including purpose, dosage, and personalized advice.
- Utilized MERN stack (MongoDB Atlas, Express.js, React Native, Node.js) for app development, integrating Google Cloud Vision API, Google Cloud Text-to-Speech API, and ChatGPT 3.5 API
- Overcame challenges in UI/UX design to create an intuitive interface with multi-language support, large text fonts, and text-to-speech playback.

Lowballd - Full-Stack Project

December 2023 – February 2024

- Developed a feature-rich social media and e-commerce platform from scratch, enabling users to easily create content and engage with other users.
- Achieved 100 users in the first week. 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 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.

Anchor - Chrome Web Extension @HackPrinceton

November 2023

- Worked together in a team of 4 to create an extension geared towards productivity during a 36-hour hackathon. We utilized OpenAI's API to send requests based on user input to help students with their tasks.
- Implemented functionality to generate subtasks and actionable steps for tasks using OpenAI, creating a dynamic checklist within the extension.
- Integrated a task-specific "zone" feature, blocking irrelevant tabs and content to keep users focused on their designated tasks, addressing real-world productivity challenges faced by students.

EXTRACURRICULAR ACTIVITIES

Computer Science Club @ Hunter College - Vice President

August 2023-Present

- 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 allowing beginners to learn crucial technical skills they can use at events like hackathons.

SKILLS

Languages: English, Urdu/Punjabi (Native), Hindi (Fluent)

Programming Languages and Tools: HTML, CSS, JavaScript, Python, C++, Vue.js, React.js, Express.js, MongoDB, Node.js, Git