

HARMAIN MUNIR

201-355-9833 | munirharmain@gmail.com | Brooklyn, New York | [Github](#) | [Linkedin](#) | [Portfolio](#)

EDUCATION

BS, Computer Science, Brooklyn College, CUNY

Graduation Date: May 2025

- **Relevant Coursework:** Database Systems, Human-Computer Interaction, Computer Architecture, Operating Systems, Programming Paradigms in C++, Modern Programming Techniques, Computer Ethics, Elementary Programming and Statistics, Web Application Development, Data Structures and Algorithms
- **Professional Development:** AT&T Technology Academy, Goldman Sachs Virtual Insight Series Participant, CSTEP Fellow

SKILLS

Programming Languages and Frameworks: Java, C++, JavaScript, HTML, CSS, SQL, NodeJS, Nodemon, React, Next.JS, Express, Tailwind CSS, Figma, MongoDB, Mongoose

Tools and Technologies: Git, GitHub, GitHub Pages, Bootstrap, Visual Studio Code, Eclipse, Notion, MS Tools, Slack, Agile Development, Squarespace, Trello, Jira

Natural Languages: English (Fluent), Urdu (Fluent), Spanish (Basic)

WORK EXPERIENCE

CUNY Tech Prep, Hybrid

August 2024 - Present

Software Engineering Fellow

- Selected out of 650+ applicants for a competitive software development fellowship with students from across the 11 CUNY senior colleges collaborating with a team of fellows to create full stack projects using React, Node + Express, and PostgreSQL.
- Participating in weekly courses and learning industry best practices for design, implementation, and deployment such as MVC, version control with Git/Github, Agile & Scrum with Trello and Slack, test driven development, and CI/CD.

Google Software Engineering Program x Basta, Remote

October 2024 - December 2024

Google SWE Program Fellow

- Selected from a competitive applicant pool to work closely with an experienced Google software engineer in a 10-week program to learn problem-solving approaches, trade-offs, and best optimization strategies when writing code.

AthenaHealth, Remote

October 2024 - November 2024

Software Engineering Work Prep Participant

- Developed a full-stack Minimum Viable Product (MVP) with a team of 4 to address AthenaHealth's SDOH framework, completing the project within a three-week timeline. Presented the solution to AthenaHealth engineers, showcasing skills in the software engineering life cycle as part of a program sponsored by AthenaHealth and Girls Who Code.

Girls Who Code, Remote

June 2024 - August 2024

Computer Science Teaching Assistant

- Led classrooms of 60+ high school students, collaborating with a teaching team to introduce the p5.js library and Replit, while facilitating hands-on coding workshops that emphasized debugging and pair programming, achieving a 90% completion rate within my cohort.

CUNY Graduate School of Public Health and Policy, Remote

April 2024 - June 2024

Software Engineering Intern

- Collaborated with the deputy head of HealthyCUNY to develop a SquareSpace prototype for HealthyCUNY's website using HTML and CSS injections to improve accessibility to food resources for CUNY students.

PROJECTS

CUNY GPT, [Deployed Site](#), Hackathon Winner

August 2024

FRONTEND: React, Next.JS, ChakraUI, Javascript | BACKEND: MongoDB Atlas, OpenAI, Langchain, Python, Vercel's AI SDK

Team Project

- Led frontend team for "CUNY GPT" using React, Next.JS, ChakraUI framework to create a responsive interface providing personalized resource recommendations based on user input via OpenAI.
- Collaborated with the backend team to integrate OpenAI's 4o-mini model enabling real-time resource mapping.