

# Harmain Munir

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## PROFESSIONAL EXPERIENCE

### Software Engineer Work Prep Intern, AthenaHealth

Brooklyn, NY, Remote

October 2024 – November 2024

- Spearheaded the design and development of a full-stack MVP addressing Social Determinants of Health, completed within a 3-week Agile sprint
- Collaborated cross-functionally to pitch products to the front-end engineering team, incorporating user feedback and feature enhancements.

### Computer Science Teaching Assistant, Girls Who Code

Brooklyn, NY, Remote

May 2024 – August 2024

- Facilitated daily coding workshops for 60+ high school students, delivering engaging instruction in JavaScript and Replit with a cohort completion rate of 95%+
- Collaborated with a multidisciplinary teaching team to develop inclusive, project-based learning experiences, increasing student engagement and retention by 10%
- Provided mentorship and hands-on debugging support, contributing to an 20% rise in final project completion and code quality

### Co-founder, WITUnite

Brooklyn, New York, Remote

October 2023 – October 2024

- Co-founded and scaled a tech empowerment community supporting low-income female students across CUNY campuses, providing access to internships, mentorship, and skill-building resources
- Built and managed a vibrant Discord server of 200+ members, driving daily engagement through curated job postings, peer mentorship, and technical career discussions

### HealthyCUNY Advocacy Intern, CUNY Graduate School of Public Health

Brooklyn, New York, Remote

May 2022 – December 2022

- Designed and launched a student health resource prototype using Squarespace and HTML/CSS, streamlining access to wellness tools and services
- Led a cross-campus initiative with five team members to advocate for expanded food assistance programs; successfully implemented proposals across 5+ CUNY institutions

## ADDITIONAL EXPERIENCE

### Software Engineering Fellow, CUNY Tech Prep

Brooklyn, New York, Hybrid

August 2024 – Present

- Selected from a pool of 650+ applicants for a prestigious year-long software engineering fellowship emphasizing modern full-stack development practices
- Developed and deployed a full-stack web application utilizing MongoDB and React for dynamic UI and NoSQL data storage
- Delivered technical demos to industry professionals, articulating key architectural decisions, product functionality, and end-user impact with clarity and precision

### Software Engineering Program Fellow, Google

Brooklyn, New York, Remote

October 2024 – December 2024

- Chosen from 1200+ candidates for a 10-week immersive fellowship under the mentorship of a Google Software Engineer, focusing on real-world engineering principles
- Enhanced proficiency in algorithm design, trade-offs, and optimization while strengthening debugging and code review capabilities through hands-on project collaboration

### Technology Academy, Extern, AT&T Technology Academy

Brooklyn, New York, Remote

June 2024 – July 2024

- Completed technical training modules on cloud computing, 5G infrastructure, cybersecurity, and network troubleshooting within AT&T's enterprise system
- Gained familiarity with core technologies and applied concepts in simulated environments to reinforce theoretical knowledge

## TECHNICAL PROJECTS

### Project Manager, DietFirst, – [Repo Link](#)

October 2024 – December 2024

- Co-developed a diet tracking platform using Node.js, Express.js, React, and MongoDB, enabling personalized diet plan creation and real-time health goal tracking
- Designed interactive UI/UX and implemented data visualization components; received positive feedback from industry professionals at CTP Demo Night

### Hackathon Winner, CUNYGPT – [Project Link](#)

August 2024

- Created a GPT-powered AI platform aggregating 30K+ job postings and 17K+ CUNY courses for streamlined student access to academic and career resources
- Built with React.js and Next.js, the project won at the CUNY Tech Prep Hackathon for innovation, impact, and seamless user interface

### Reminder Requests Web App – [Project Link](#)

December 2023

- Designed a web app using Express.js, HTML5, and Google Sheets API to automate timed email reminders based on user-defined inputs
- Engineered backend scheduling logic and form-based UI to enhance productivity through efficient task reminders

## TECHNICAL SKILLS & CERTIFICATIONS

- **Programming Languages:** JavaScript, Java, C++, HTML, CSS, SQL
- **Web Development:** React, Node.js, Express.js, Redux, MongoDB, RESTful APIs
- **Database Technologies:** PostgreSQL, MySQL, MongoDB
- **Data Analysis & Visualization:** Tableau, SQL, JavaScript (D3.js familiarity), Excel
- **Productivity & Communication Tools:** Google Workspace, Microsoft Office Suite, Git, GitHub, Jira, Trello, Slack, Notion Productivity Software, Replit
- **UI/UX & Design:** Figma, Canva, Squarespace
- **Certifications:** Girls Who Code – [Software Development Certificate](#), AT&T – [2024 Technology Academy Certificate](#)
- **Languages:** English (Native), Urdu (Native), Spanish (Intermediate)

## EDUCATION

Brooklyn College, City University of New York (CUNY), Bachelor of Science in Computer Science, GPA: 3.36/4.0

May 2025

- **Relevant Courses:** Human-Computer Interaction, Database Systems, Computer Graphics, Data Structures, Statistics, Computer Architecture, Operating Systems, Programming Paradigms in C++, and Analysis of Algorithms
- **Organizations & Activities:** Academic Writing Tutor – ENGLISH 1010, 1012