Md Mazharul Islam Omit

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EDUCATION

Bachelor of Science, Computer Science, The City College of New York,   June 2026

RELEVANT COURSEWORK

C, C++, Python, Java, Structured Query Language (SQL), R, Data Structure, Algorithm, Software Design Laboratory, Database System, Computer Networks, Data Science, Artificial Intelligence and Operating System.

QUALIFICATIONS

Technical Skills: C (6 months), C++ (1 year), Java (6 months), Python (2 year), Kotlin(6 months), Tableau, MySQL, HTML, CSS (6 months), Assembly Language, Microsoft Word, Excel, PowerPoint; Google docs, slides and sheets. MAC OSX, WINDOWS XP/Vista/10/11, Linux (Ubuntu), Software design, and data sorting.

Core Qualities: Problem-solving (codeforce, leetcode), Creativity & Designing, Teamwork, and Leadership.

PROJECTS

Planterbox: Developing a mobile application using Java that uses AI-powered image recognition to identify plants and provide insights. Implemented key features such as plant identification, personalized care tips and lifecycle tracking.
                                                                                          (Spring 2025 - Present)

Picnic: Developing a website using HTML, CSS and JS which has a description of the picnic, RSVP for join the picnic. Also, the website site has a dark mode button which change the color of the website. **(Summer 2025)**

Compare Stock: Developed a machine learning model to compare two stocks and determine which yields better revenue. Utilized Python for web scraping to extract historical stock data, followed by training and testing the model. Employed Tableau for data visualization to analyze trends and insights effectively.   **(Fall 2024)**

Parallel Processes: Developed a program in C to create and manage parallel processes using pid. The first child process copies content from source.txt to destination.txt, then sleeps for 10 seconds. The second child creates a doubly linked list and prints node numbers in forward and reverse order, while the third child prints the current date using an Excel function. The parent process synchronizes tasks by waiting for the first child to complete, enabling efficient multi-process execution.   **(Fall 2023)**

Student information: Using Java and spring boot framework, created an application where students can see their GPA, the number of classes they have already taken, and the number of classes the student needs to take for their graduation.   **(Spring 2023)**

Medicine storage: Using Java and spring boot framework, created an application where pharmacists can find where the medicine is located and how much medicine they have in their inventory.   **(Fall 2023)**

Other Experience

Public Partnerships LLC (PPL), New York   April 2025 – Present
Provide daily care and support to a patient in the home. Assist with food preparation, and taking daily medication. Escort patients to hospital and appointments.

Nalane Green Solution , New York   July-2025 – August 2025
Coordinated project on air decarbonization, hand on experience in carbon reduction strategies, clean energy, and nature-based air quality solutions.

AFFILIATIONS

Member, Muslim Giving Back (MGB)   Sept 2024 – Present
Member, Muslim Students' Organization (MSO)   Jan 2022 – Present