Moazam Hussain

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EDUCATION

CUNY Queens College *Expected May 2026*
B.A. Computer Science *GPA: 3.2/4.0*
Relevant Coursework: C++ OOP, Java OOP, Discrete Structures, Assembly Language, Data Structures and Algorithms, Linear Algebra, Calculus I/ II

PROFESSIONAL EXPERIENCE

Headstarter AI Software Engineering Fellowship **July 2024 - September 2024**
Incoming 2024 Cohort **Remote**
• Accepted into Headstarter AI's Software Engineering fellowship to develop five AI projects with goals of 1,000 sign-ups or $1,000 revenue

J.P. Morgan Software Engineering Virtual Experience **June 2024**
Forage **Certification**
• Configured a local development environment by downloading required files, tools, and dependencies
• Resolved issues in repository files to ensure the web application displayed correctly
• Implemented JPMorgan Chase's open-source library, Perspective, to create a live graph for visualizing data feeds for traders

Delta Air Lines **February 2020 - September 2020**
Tech Ops Intern **JFK Airport, New York**
• Collaborated with 12+ Aircraft Maintenance Technicians of 10+ commercial aircraft models ensuring airworthiness
• Maintained 95% aircraft readiness through pre-departure inspections for on-time departures, increasing passenger satisfaction
• Contributed to daily briefings orchestrating task management tailored to the unique characteristics of each aircraft

The Cooper Union **July 2018 - August 2018**
Formula SAE Summer STEM **East Village, New York**
• Designed Composite Suspension for Formula SAE Cooper Motorsports Race car, increasing average lap completion by 2 seconds
• Collaborated with 3+ members on the fabrication process and provided 7+ weekly updates to the rest of the team
• Fabricated and tested 2+ prototype designs, resulting in carbon fiber suspension able to withstand 3000 lbs of force

PROJECTS

Wander Woods | *HTML, CSS, JS* **July 2024 - Present**
Hiking Website
• Built a user-friendly website for finding and exploring hiking trails within the state of NY
• Implemented dynamic features, including peak hour tracking and weather updates, for an enhanced user experience
• Empowered outdoor enthusiasts with a valuable resource for planning safe and enjoyable hikes

Personal Portfolio Website | *HTML, CSS* **June 2024 - Present**
Personal Portfolio
• Enhanced skills in HTML, CSS implementing an interactive design, dark mode toggle, and animations
• Created a "Contact" section to streamline requests for collaboration on Excel sheets

Guess My Number | Java, VScode **October 2023**
Numerical Game
• Developed a Java program that randomly generates a number for the user to attempt to guess correctly
• Utilized Java's Object-Oriented Programming paradigm to optimize runtime performance and reduce storage usage
• Enhanced Java application with input validation to detect and provide clear error messages

LEADERSHIP

ISACA (Information Systems Audit and Control Association) **December 2023 - Present**
Director of Event Moderation **Flushing, New York**
• Led collaborative efforts to plan and execute engaging informational events, resulting in a notable 20% increase in attendee satisfaction
• Maintained records and conducted statistical analyses revealing a significant 15% rise in event attendance and a 95% positive feedback rate

ALPFA (Association of Latino Professionals For America) **November 2023 - Present**
Scholarship Recipient
• Selected as a scholarship recipient for ALPFA Convention 2024, recognized by ALPFA Queens College, and engaging with the national community

TECHNICAL SKILLS

Languages: C++, Java, HTML, CSS, Javascript, Python
Softwares: VScode, Replit, Github, Pycharm, Excel