Redwanul Haque

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EDUCATION

CUNY Queens College   **August 2024 – June 2027**
MA in Computer Science, Minor in Mathematics
GPA – 4.0

EXPERIENCE

Software Engineer Intern   **New York, NY**
DCAS   *August 2025 – December 2025*
- Current.

Build Student Consultant, Technology   **Remote**
Open Avenues Foundation   *June 2025 – September 2025*
- Developed and implemented time series models such as ARIMA, Gradient Boosting, and Decision Trees in Python to analyze Ethereum dataset trends.
- Engineered a full-stack flashcard app with server-side rendered React using Next.js, built API routes for backend logic, and integrated Prisma ORM for type-safe database querying and schema management on PostgreSQL.

Leadership, Innovation, and Financial Technology Program   **New York, NY**
Bank of America | ALPFA   *June 2025 – August 2025*
- Utilized SQL, Alteryx, Tableau, and Excel to clean, transform, and visualize financial datasets of 8,000+ records, delivering actionable insights through advanced data storytelling.
- Engaged with senior executives and industry leaders through panels and workshops focused on leadership, financial services, and emerging technologies.
- Completed professional development modules on Executive Presence, Emotional Intelligence (EQ), and effective data storytelling for business impact.

Graduate Teaching Assistant   **Queens, NY**
CUNY Queens College   *September 2024 – January 2025*
- Provided detailed feedback on assignments, improving students coding skills and code quality.
- Assisted with advanced Python topics such as OOP, data structures, and algorithms, enhancing students understanding and performance.
- Collaborated with the professor to design programming exercises that simulate real-world scenarios, enhancing hands-on learning.

TECHNICAL PROJECTS

Turbo Chat Bot | *Front-End + Back-End Development*   *Link*
- Developed an AI-powered chatbot using React.js, integrating Google Gemini API for advanced natural language processing and real-time conversational capabilities.

Portfolio Website | *Front-End + Back-End Development*   *Link*
- Developed a responsive website using HTML, CSS, and JavaScript, featuring interactive interfaces to showcase my software engineering background and enhance user engagement.

Hotel Management | *Back-End Development*   *Link*
- Co-developed hotel management software, implementing 7 software design patterns for seamless integration and designing an intuitive UI for managing reservations within a structured system.

TECHNICAL SKILLS

Systems – Git, Linux, Windows, Docker, Kubernetes, Bash, PowerShell, AWS, Azure
Programming Languages – Java, Python, C++, C, HTML, CSS, PHP, SQL, JavaScript
Frameworks – Django, Flask, Spring Boot, ASP.NET, React.JS, Next.JS
Certifications – Microsoft Certified: Azure Fundamentals
Technical – Cloud Computing, Project Management, CI/CD, Software Development, Alteryx, Tableau, Excel