

Redwanul Haque

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EDUCATION

CUNY Queens College

Bachelor of Science in Computer Science, Minor in Mathematics

GPA - 3.61

August 2020 – June 2023

EXPERIENCE

Software Engineer Apprenticeship

Code Nation

New York, NY

January 2022 – May 2022

- Showcased a strong commitment to continuous learning and improvement throughout the apprenticeship.
- Demonstrated strong problem-solving skills by tackling complex coding challenges and finding efficient solutions.
- Participated in code reviews to improve code quality and ensure adherence to best practices.

Computer Science Mentor / Tutor

CUNY Queens College

Queens, NY

September 2021 – December 2021

- Provided personalized consultations to incoming freshmen students on their programming assignments and equipped them with advanced techniques to become proficient programmers.
- Delivered comprehensive lectures and hands-on sessions to teach freshmen students essential C++ and Java programming skills, empowering them to excel in their coursework and beyond.

CUNY Service Corps Intern

CUNY Queens College

New York, NY

May 2021 – August 2021

- Built and established community-based projects to reopen different sections of the city during the covid-19 pandemic.

TECHNICAL PROJECTS

Portfolio Website

Front-End + Back-End Development

January 2023 – Present

[Link](#)

- Employed HTML, CSS, and JavaScript to construct a comprehensive website outlining my software engineering background, prioritizing interactive user experiences and adherence to responsive design principles.
- Engineered a variety of interfaces for my website, strategically presenting vast information in an engaging manner. Leveraged innovative design elements to optimize user engagement and facilitate seamless navigation.

Hotel Management

Back-End Development

September 2022 – December 2022

[Link](#)

- Co-developed hotel management software with five team members, each applying unique software design patterns. I integrated the builder pattern to ensure seamless interaction among project components.
- Designed a user interface facilitating hotel operations (create Reservation, edit Reservation, menu, and delete Reservation) integrated within a structured information system for seamless interaction, accessed through intuitive numerical inputs.

Web-Based Text Parser

Front-End + Back-End Development

August 2022

[Link](#)

- Integrated PHP and SQL to extract and store URL parameters in a database, optimizing data management and retrieval processes.
- Designed and executed a responsive web application utilizing HTML and CSS, which employed advanced algorithms to extract and analyze word frequency based on user-specified URL and parameters.

Multithreaded Jeopardy Game

Back-End Development

January 2022 – May 2022

[Link](#)

- Developed a Java-based jeopardy game utilizing socket libraries for synchronous network connectivity among multiple computers.
- Created a robust Java GUI enabling seamless host-to-player communication via socket connections for real-time gameplay on a multithreaded server.

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

Certifications – Microsoft Certified: Azure Fundamentals

Technical – Cloud Computing, Project Management, CI/CD, Automation, Data Structures, Software Development