**Abdur-Rasheed Syed**

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EDUCATION

**Macaulay Honors College at Lehman College** Bronx, NY

Bachelor of Science in Computer Science| Major GPA: 4.00 May 2023

RELEVANT COURSEWORK

Data Structures & Algorithms, Web Development, Programming Methods I-II, Discrete Mathematics, Computer Information Systems, Computer Organization, Cryptography, Linear Algebra, Calculus I-III, Statistics

PROFESSIONAL EXPERIENCE

**DevOps/SRE Fellow | Harpreet’s Tech Corner – *New York, NY***  *June 2022 – September 2022*

* Automating **CI/CD** pipelines using **Jenkins;** writing scripts (Bash/Python) to automate administration tasks
* Containerizing microservices using **Docker** allowing for quick and efficient deployment
* Implementing IaC tools such as **Terraform** to create fault-tolerant and scalable environments

**Data Science Intern | Columbia University – *New York, NY***  *June 2022 – August 2022*

* Utilized **Python** and **SQL** to analyze datasets relating to indigent burial to better understand the phenomena of social isolation, extreme poverty, and the impact of epidemics.
* Processed datasets by web scraping off of 12 burial websites and used Python libraries such as Beautiful Soup and Pandas to clean and extract relevant data.

**Software Developer Intern | BSG Global – *New York, NY***  *July 2021– October 2021*

* Designed and built a mobile mentorship application for low-income communities in a team of 3 using **React Native, Node.js, and Expo**; reached a user base of 30+ individuals.
* Built the user profile page, login/logout functions, 7+ questionnaire pages, dashboard, navbar and 1 page listing all available mentors; integrated Google Firebase to store, secure, and authenticate client data, ensuring 100% safety
* Incorporated Stripes payment method on the app to process an end goal of ~200 payments per day.
* Presented updates to the CEO in daily standups and company-wide meetings.

**Web Development Project Manager | Maz Connect – *New Rochelle, NY*** *December 2019 – June 2021*

* Planned, organized, and directed the completion of 100+ tasks while delivering projects in a timely manner
* Supported our overseas development team while providing an online platform that assisted in optimizing revenue and sales for our clients by at least 25%
* Implemented daily web meetings and provided goals for the team, and relayed valuable information to the CEO

LEADERSHIP/RELEVANT EXPERIENCE

**Software Engineering Participant | Google Software Engineering Program – *New York, NY*** September 2022-Present

* Selected out of 90+ applicants to attend 10 weeks of hourly coaching sessions with a designated Google SWE coach to further develop technical problem-solving and interview skills.

**Volunteer Tutor | ICON – *New Rochelle, NY***  *January 2021 – Present*

* Teach computer science, math and SAT prep 3 times/month for students in grades 3 -11, providing 1-on-1 and group tutoring sessions and creating specific lesson plans based on students; improved overall grades by 15%.

**Fellow | CUNY2X – *New York, NY*** *June**2021 – August 2021*

* Placed in the top 25% of applicants to participate in a rigorous coding bootcamp learning React.js, HTML, CSS, postgreSQL, securing an internship following the completion of the program.

**Communications Chair | Women in Computer Science Club – *New York, NY*** *May 2020 – May 2021*

* Educated students about computer science by going to multiple classrooms and presenting to ~30 people; increased the club membership by 25 students, and organized 2 networking events for students.
* Attained 5 company sponsorship for panels and club activities.

SKILLS

**Programming:** Python, Java, HTML, CSS, JavaScript, Node.js, React.js, Bash, React Native,

**Technologies:** Git/GitHub, Docker, Amazon Web Services (AWS), Terraform, Linux, Jenkins, Express.js, NodeJS, Firebase, MySQL, PostgreSQL, Expo

**Certifications:** Agile Methodologies

**Languages:** English, Spanish, Urdu, Hindi, Arabic

PROJECTS

* [**Campus Database**](https://github.com/Abdur-Rasheed/campusproject/tree/Abdur)**:** Used **React.js** to build a web application in a team of 3 that allows students to register for college classes. Created the landing page and implemented sign-up, login, and logout functions.
* [**Zip Code Project**](https://github.com/lehman-cuny2x/zip-city-api-Abdur-Rasheed)**:** Built a responsive web application in **React.js** that uses the ctp-zip-api Heroku API to output city names based on the user's inputted zip code.
* **Project Eliza:** Used **Java** to build an application that mimics a therapy session where the user inputs how they are feeling, and a relevant response is output based on responses stored in a JSON file.