Mohammed Nazib Hossain Khan

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SKILLS

Programming Languages: Python, JavaScript, HTML, CSS, SQL, C++, Unix Shell
Frameworks and Technologies: Gitbash, Source Control, MySQL, Flask, Bootstrap, JSON, Virtual Environment (venv), Figma, Git, Jira, Anaconda, Jenkins, Postman, REST API, Google Cloud Platform: BigQuery, Airflow, Cloud Storage, Cloud Composer.
Adobe Creative Cloud/Editing Software: Photoshop, After Effects, Premiere Pro, Sony Vegas Pro, Capcut
Core Qualities: Leadership, Disciplined, Collaborative, Detail-Oriented, Problem Solver, Driven, Creativity, Emotional Intelligence
Languages: Native English and Bengali speaker

EDUCATION

The City College of New York, Bachelor of Science in Computer Science   Expected Graduation **Spring 2027**
Affiliations: **ACM** at CCNY, CCNY RACING **SAE**, Women in CS, **MSO** at CCNY, CCNY Esports Club, **BSA** at CCNY

EXPERIENCE/PROJECTS

***Data Engineering Intern,* CVS Health,** New York, NY   1/2024
● Selected among hundreds of candidates for a prestigious **Break Through Tech** Sprinternship at CVS Health, serving as a Data Engineer and Back-End, demonstrating top-tier skills and commitment to excellence.
● Innovated by designing and implementing an automation microservice to streamline the manual process of uploading business artifacts to BigQuery.
 - Introduced pre-validation procedures and pretotype post-validation checks to minimize errors, significantly reducing false triggers and failed DAG runs.
 - Developed a complementary microservice to automate row counting in BigQuery tables post-DAG Run, contributing to faster time-to-market and substantial time and cost savings for the company.
● Spearheaded Agile methodologies within the Data Engineering team, taking on diverse roles including scrum master, project manager, developer, and designer. Led and facilitated key Agile ceremonies such as sprint planning, Daily Stand Up meetings, and retrospectives, fostering a collaborative and efficient work environment.

***Elite 102 Participant*, Code2College,** New York, NY   4/2023-5/2023
● Developed a feature-rich banking app, enabling users to perform actions like depositing, withdrawing, and checking account balances through Flask, MySQL, Virtual Environments (venv), and Python for app development.
● Utilized the Figma design concept to enhance the app's user interface and functionality resulting in a more appealing UI.

***Elite 101 Participant*, Code2College,** New York, NY   1/2023-3/2023
● Selected out of 3,245 participants into the technical internship preparation program following a 9-week boot camp Python course.
● Acquired foundational programming skills, including Git, Jira ticketing, Miro, Source Control, and basic software testing.
● Demonstrated expertise in Elite 102 Qualifier and Post-Assessment, showcasing technical prowess by developing Python-based projects:
- Created a Chatbot completing tasks based on customer inputs for Star Games, a demo hypothetical virtual video game store.
- Developed a local two-player Connect 4 game through the Command Line Interface, engaging users and promoting skill growth.

VOLUNTEER WORK

***Founder and President,* AFUP Code Club**, Brooklyn, NY   9/2022-6/2023
● Pioneered the establishment of Code Club, providing academic support for a total of 14 AP Computer Science students and mentoring beginners in web development.
● Facilitated technical growth by overseeing collaborative coding projects, resulting in a 25% increase in project completion rates.
● Promoted tech engagement by organizing schoolwide coding tournaments and events, increasing participation by 40% event-on-event.

***Organizer and Volunteer,* Clean Bushwick Initiative**, Brooklyn, NY   5/2022-6/2022
● Orchestrated the "Talking Trash" park cleanup project in partnership with the Clean Bushwick Initiative at Maria Hernandez Park.
● Elevated awareness of environmental issues by designing impactful on-campus flyers, leading to a 285% increase in event attendance and mobilizing over 100 volunteers from the expected 35 volunteer signups.
 ● Spearheaded cleanup teams, removing and recycling over 500 pounds of trash and debris, resulting in a cleaner environment.

***Recruiting Volunteer*, All Star Code,** Brooklyn, NY   3/2022-5/2022
● Reviewed and assessed 60 applications with 160 essays for the 2022 Summer Intensive admissions over three recruitment cycles.
● Successfully recruited top-tier talent, contributing to a 15% increase in the overall quality of the admitted class.
● Demonstrated inclusivity by recruiting students from diverse backgrounds, fostering a 20% growth in class representation.

HONORS/AWARDS

2nd Place in All Star Code x Nike Hackathon   2023
Cornell SCE and Brandeis SEED: Cornell and Brandeis University Fly-in Programs   2022-2023
Posse Scholarship Semi-Finalist   2022