Ameer Rahman

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EDUCATION

Rutgers University — New Brunswick, NJ
Bachelor of Science in Computer Science, Minor in Critical Intelligence Studies — *Aug. 2024 – May 2027*

EXPERIENCE

IT Help Desk Intern — May 2025 - Aug 2025
Brennan Center for Justice — *New York, NY*

IT Associate — February 2024 - Aug 2024
Michael Motazedi C.P.A. — *Jamaica, NY*
- Improved **operation systems**, minimized network issues, and provided technical and hardware assistance
- Protected sensitive client data by implementing **backup systems** and performed industry standard routine maintenance
- Performed routine maintenance and troubleshooting, creating a smooth **digital infrastructure**

Teaching Assistant — January 2024 – May 2024
City College of New York — *Harlem, NY*
- Mentored and taught a classroom of 40 students, reteaching **programming concepts**, and **debugging techniques**
- Coordinated lesson plans and office hours with other teaching assistants, ensuring availability for students

IT Support Specialist — Sep. 2023 – December 2023
Specific Gravity Group — *New York, NY*
- Provided **technical support** for hardware, software, and network issues, troubleshooting problems to minimize downtime
- Managed accounts and permissions, password resets, **system access**, and security configurations in **Active Directory**
- Tracked support requests using ticketing systems to ensure timely resolution and improve **IT support efficiency**

PROJECTS/LABS

File Transfer | Github | *Python, Cryptography, File I/O* — April 2025 – Present
- Utilized Python to secure file storage system with password-based **AES encryption**
- Used **cryptography.fernet** to encrypt and decrypt files with keys that came from passwords
- Created a **CLI-based user interface** for file encryption, decryption, and storage with error handling

Network Packet Analyzer | Github | *Python, String Manipulation* — March 2025 – Present
- Created a feature to visualize word frequency using **matplotlib** and getting vocabulary patterns
- Used word filtering, case standardization, and string cleaning to improve accuracy and reflect **NLP processing**
- Guaranteed reusable functions and error handling for file operations with **CLI flexibility** for file destinations

EXTRACURRICULAR

Colorstack National | *New Brunswick, NJ* — January 2025 – Present
- Participated in tech-focused workshops to advance professional development and programming abilities
- Attended networking events with industry professionals and peers from underrepresented backgrounds in tech

Rutgers SAS First Together Mentorship | *New Brunswick, NJ* — November 2024 – Present
- Participated in career development for first-generation college students
- Collaborated with alumni and peers through mentorship circles focused on career readiness

West Indian Student Organization | *New Brunswick, NJ* — October 2024 – Present
- Worked with peers to create an atmosphere for West Indian students
- Helped organize and publicize student engagement events, boosting involvement on campus

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML/CSS
Development: Git, VS Code, IntelliJ, React, Node.js, JUnit, REST APIs
Certifications: Coursera Google Cyber Security, Coursera Google Data Analytics, CompTIA Network+