

Ameer Rahman

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EDUCATION

Rutgers University

Bachelor of Science in Computer Science, Minor in Critical Intelligence Studies

New Brunswick, NJ

Aug. 2024 – May 2027

EXPERIENCE

AI and Augmented Reality Intern

June 2025 - August 2025

Jasfel Analytics

Newark, NJ

- Developed and refined **Python scripts** to automate AI model training processes, resulting in a **30 percent reduction** in model deployment time
- Use tools like **NumPy**, **Pandas**, and **Scikit-learn** to improve data processing workflows for AI model validation

IT Help Desk Intern

February 2024 - Aug 2024

Michael Motazedí C.P.A.

Jamaica, NY

- Improved **operation systems** by **35 percent**, minimized network issues, and provided technical and hardware assistance
- Protected sensitive client data by implementing **backup systems**, routine maintenance and troubleshooting, creating a smooth **digital infrastructure** and utilized **Active Directory**

IT Intern

July 2023 – December 2023

CommonPoint Queens

New York, NY

- Designed age-appropriate activities and interactive lessons to teach **cybersecurity** fundamentals in an engaging and accessible way
- Taught 30 students core digital safety topics, including recognizing **phishing scams**, avoiding unsafe websites, and protecting personal information online

PROJECTS/LABS

Malware Program | [Github](#) | *Python*

- Engineered the malware to perform **privilege escalation**, **keylogging**, and techniques in a lab environment
- Increased understanding of malware evasion tactics by **35 percent**, confirmed through comparative analysis using **Wireshark**, **Procmon**, and **Ghidra**

AI Object Detector | [Github](#) | *Python, YOLOv8, OpenCV, TensorFlow*

- Engineered a real-time object detection system using **YOLO**, **TensorFlow GPU**, and **OpenCV**, achieving **90 percent accuracy** in identifying and classifying objects across diverse datasets
- Deployed a scalable solution with a **streamlined UI**, enabling seamless integration for applications in **security**, retail analytics, and **autonomous systems**.

File Transfer System | [Github](#) | *Python, TCP Sockets, File I/O, Client-Server Architecture*

- 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

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

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML/CSS, C/C++, R, Swift

Development/Frameworks: Git, VS Code, IntelliJ, React, Node.js, JUnit, REST APIs, Pandas

Certifications: Coursera Google Cyber Security, Coursera Google Data Analytics, CompTIA A+