Shams Rary

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Professional Summary
Data analyst and IT expert with 3 years of professional experience and extensive technical training from NPower. I am skilled in coding, networking, troubleshooting, cybersecurity, building, and repairing computers and desktops.

Relevant skills:
Python | Java | C++ | Full Stack | Microsoft 365 | PowerApps | Tableau | Data Analysis | Cybersecurity | Soldering | Troubleshooting | SQL | Hardware Configuration | Ticketing Systems | Customer Service | AWS Cloud Computing

Education
Bachelors, Computer Science   Expected May 2028
Macaulay Honors at CUNY Hunter, New York, NY

Certifications
AWS Certified Cloud Practitioner Certificate	April 2025
Window Forensics with Belkasoft	January 2025
CompTIA A+ Certificate	January 2025
CompTIA ITF Certificate	October 2024
Google IT Support Certificate	September 2024
GIAC Foundational Cybersecurity Technology Certificate	June 2024
Beyond the Basics: Mastering Advanced Digital Forensics Techniques with Belkasoft	March 2024
Android Forensics with Belkasoft	February 2024

Professional Experience
Data Analyst on Electricity Outages, Con Edison – Manhattan, NY   June 2023 – Present
– Craft pivot tables & charts in Excel and Tableau for the VP of Con Edison
– Updates database on 10,000+ failed components to justify equipment spending to NYC Government
– Utilize Power Query to automate website links and scrape website data
– Create documentation on how to analyze failed components and manufacturers

Drone Intern, Drone Cadets – Queens, NY   June 2024 – August 2024
– Built, repaired, troubleshot, and programmed drones for water collection
– Soldered breadboards to distribute power more efficiently and to integrate environment sensors
– Instructed 34 high school students in coding with C++ and drone assembly

Staff, City Park's Foundation Coastal Classroom – Kyzer Park, NY   June 2021 – August 2021
– Conducted & evaluated research on the Kyzer Park Equastary's Ph levels, Turbidity & Phosphate Quantity
– Leveraged data on water quality to conduct Ecological Health Assessments and assess the impact on Fisheries and Aquaculture
– Engaged & taught a class of 64 middle school students in fishing, seining & coastal ecology & maritime training

Technical and Professional Development
Cloud & Technology Fundamentals Program, NPower **-** Brooklyn, NY   August 2024 – December 2024
Selected to participate in an intensive 20-week CompTIA technical and professional development training program.
– **Hardware & Software Troubleshooting**: Learned to identify and resolve hardware issues, including desktops, laptops, printers, and peripherals. Demonstrated ability to provide support for various operating systems.
– **Networking**: Built knowledge of basic networking concepts, protocols, and troubleshooting techniques.
– **System Maintenance**: Practiced routine system maintenance tasks, such as updates, patches, and backups.
– **Remote Desktop Support**: Gained experience in providing remote assistance to end-users for problem resolution.
– **Professional Development**: Participated in specialized workshops and networking events facilitated by seasoned professionals at companies such as Accenture, BNY Melon, Google, and Bloomberg. Attended coaching sessions and attended ongoing mentorship meetings with members of the IT teams at several Fortune 500 companies.
– **AWS Cloud Computing** : Learned core principles of cloud computing, cloud security, shared responsibility and AWS services such as EC2, S3, RDS, and Lambda.

Finalist & Sliver Award Recipient, CyberStart 2024 – Queens, NY   October 2023 **-** April 2025
– Participated in CyberStart 2024, a cybersecurity and IT competition with high school students across the 50 states
– Developed skills in cryptography, digital forensics, stenography, and hacking
– Gained hands-on experience with network security, Operating System Security, and Web Security
– Utilized Python to implement TCP and UDP Protocols between 4 computers