Asma Manzoor

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EDUCATION

Brooklyn College (CUNY)   *Expected May, 2027*
BSCS | Bachelor of Science in Computer Science
Relevant Courses
Introduction to Java, Introduction to Programming, Discrete Structures, Data Structures & Algorithms, Computers and Ethics, Advanced Statistics, Calculus I & Calculus II (more to be added)

TECHNICAL SKILLS

Technical: Java, UNIX/Linux, CSS, HTML, JavaScript, Web Development, React.js, SQL, WireShark, UTM, Debian
Logical: Product Management, Team Building, Organization Skills , Web Design , Merchandising , Creative Design, Problem Solving
Certifications: Google Cybersecurity (coursera), CompTIA Network+, Security+ (In Progress)

EXPERIENCE

Young Muslims   *Mar 2022 - July 2025*
Digital Communications Manager
- Designed and uploaded digital flyers applying visual consistency and version control across platforms.
- Managed the organization's social media presence, regular posts, stories, and engagement
- Oversaw the digital content demonstrating digital literacy skills to secure online engagement.

CodePath   *Feb 2025 - April 2025*
Intermediate Cybersecurity Fellow
- Completed intensive cybersecurity course on system security, threat modeling, and secure coding practices.
- Used Linux tools to analyze cyber attacks, analyze audit logs, and detect unauthorized file access.
- Executed simulated attack & defense scenarios like directory traversal & privilege escalation, to strengthen incident response and threat detection skills.

Girls Who Code   *Aug 2023-Aug 2023*
Software Engineer Intern
- Developed foundational skills in HTML, CSS, and JavaScript to build engaging web applications.
- Created a fully functional website and an interactive quiz, showcasing both technical and creative abilities.
- Worked in teams to plan, design, & troubleshoot projects, enhancing problem-solving & communication.

PROJECTS

Firewall Configuration
- Configured a host-based firewall on Ubuntu using UFW to restrict incoming traffic and allow essential services
- Implemented custom rules for SSH and web access, while enabling logging and monitoring of blocked attempts
- Hardened system security by applying default-deny policies and verifying rule effectiveness via port scanning tools

GreenMind – Product Management Project
- Development the concept of *GreenMind*, an app designed to promote focus through timed breaks and silent notifications
- Conducted user research, prioritized core features, and created wireframes to visualize the user experience
- Applied key product management skills including roadmap planning, UX thinking, and cross-functional collaboration

EXTRACURRICULAR

Young Muslims   *Jan 2023 - Feb 2025*
Coordinator & Fundraising Lead
- Oversaw team operations, delegated tasks, and conducted planning meetings to ensure smooth execution of programs and outreach
- Managed social media presence and successfully organized fundraising campaigns, raising significant funds for community and charitable causes
- Founded and led a merchandise team, designing and launching custom apparel that achieved high participation and sales among members