

Sameer Haq

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Personal Profile:

Motivated 3rd year university Computer Networks and Cyber Security student with problem solving skills gained through workplace & academia, including network skills (**CCNA**), penetration testing experience (**TryHackMe, HackTheBox**) and programming proficiency in Python, C, C++, and JavaScript eager to apply my skills and passion for cyber security through an internship.

Skills:

- **Soft skills:** Teamwork, Problem-solving, Critical thinking, Organisation, Communication, Time-management, Note taking.
- **Technical skills:** Penetration Testing, Kali Linux, Networking, Web development, Python, C, C++, Algorithms, Data structures, SQL, Git.

Education:

Northumbria University – Networks and Cyber Security (Predicted 1:1)

2023 - Present

- *First year modules:* Computational Thinking, Computing Fundamentals, Computers & Society, Data Fundamentals, Introduction to Networks and Cyber Security, Programming.
- *Second year modules:* Operating Systems (67%), Human Factors in Cyber Security (72%), Network Switching and Routing (86%), Computing Consultancy Project (88%), Digital Forensics Incident Response (80%), Mobile & Web App Development (72%).
- *Third Year:* Placement Year at Northumbria University

Voluntary & Work Experience:

IT Student Placement – Northumbria University

September 2025 – Present

- Monitoring and investigating security alerts using **Microsoft Defender**, reviewing unusual login activity, VPN use, and suspicious emails to identify genuine security issues and rule out false positives.
- Supporting account and access security by resetting passwords, setting up multi-factor authentication, and helping students, staff, and guest users regain secure access to university systems.
- Helping manage email and device security by reviewing reported phishing emails, blocking malicious senders, adjusting alerts, and identifying devices with missing updates or outdated software.
- Assisting with vulnerability and network security work by running and reviewing security scans, documenting findings, and working closely with cyber, IT, and network teams to help improve the university's overall security.

Social Media, Events and Communications Officer (VOLUNTARY) - Northumbria Archery Society

September 2024/25

- Managing and developing social media content (Instagram and Facebook) using software such as GIMP and DaVinci Resolve to design and make posts using creativity skills and proficiency in software usage.
- Arranging social events for new/current members to enjoy using effective communication and problem-solving skills.
- Answering inbox enquiries, helping run sessions solving equipment issues, setting up the range and administrative tasks.

Technology & Sales Assistant - Fone Xpert & Computer Xpert

August 2022 – December 2022

- Helped manage the sales side with the till, inventory and answering enquiries, used troubleshooting skills to diagnose hardware and software issues and implementing solutions.
- Recorded customer details for when they returned to collect their repaired devices, used attention to detail and data handling skills to secure data integrity.

Independent Study:

Certifications:

CISCO Certified Network Associate | CCNAv7 Introductions to Networks

Achieved January 2024

CISCO Certified Network Associate | CCNA: Switching, Routing and Wireless Essentials

Achieved January 2025

CISCO Networking Academy | Ethical Hacker

Ongoing

Projects (Can be found in GitHub):

Portfolio website – PHP, CSS, JS (Three.js) – Developing a portfolio site displaying my achievements, timelines and inspiration as a cyber security enthusiast, using 3D interactive elements created with Three.js.	2025
GratiThink – JavaScript (React.js) – Developed a gratitude journaling app and website for students using HTML, CSS, PHP, JavaScript and Git containing features such as writing and saving data, filtered reviews and counters, etc.	2025
Pong – Python (PyGame) – Developed the classic arcade game using OOP with abstraction, polymorphism and classes to implement features such as a computer-controlled enemy, screens (start, pause, settings, etc), score tracker, etc.	2025
Productivity App – Python (Flask) – Developed a Productivity web app as one of my 1 st year university assignments using Flask with HTML templates and CSS stylesheets including features such as a calendar, to-do list and notes page.	2024

Extra-curricular:

- Problem-solving activities such as solving Rubik's puzzles, chess and other strategy-based games.
- Active member of Northumbria University's Cyber Clinic where I learn about penetration testing through HackTheBox and Kali Linux.
- Working through programming projects such as automation using bash scripts and learning JavaScript for university.
- Configured a **Kali Linux** environment on a Raspberry Pi for experimenting with penetration testing outside of university.