

Sameer Haq

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Personal Profile:

Motivated 2nd 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.
- **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 and relevant projects:*
 - Operating Systems (67%) – Multithreading system in Ubuntu using C including file, selection and loop statements.
 - Human Factors in Cyber Security (72%) – Study on consumers' perspectives and expectations on companies' responses to data breaches looking at variables such as type of attacks, recommended responses, etc.
 - Network Switching and Routing (86%) – Network creation with protocols such as STP, RIPv2, port-security, etc using Packet Tracer.
 - Computing Consultancy Project (88%) – Developed an 80-page cyber security framework for primary schools with the North Tyneside Council going over concepts such as endpoint and network security, access control, IR and BCI and various laws.
 - Digital Forensics Incident Response (80%) – Investigated and analysed a simulated criminal case using tools such as Autopsy.
 - Mobile & Web App Development (72%) – Developed a website and mobile app using HTML, CSS, PHP, JavaScript, React.

Gosforth Academy (A-Levels):

September 2018 – August 2023

- Achieved 3 A-Levels including Computer Science & Mathematics
 - Relevant projects: 2D platformer and Maze game using Python (PyGame).

Voluntary & Work Experience:

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

September 2024 - Present

- 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.

Ongoing

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 1st 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.