

# Faisal Alhatimi

Riyadh, Saudi Arabia

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## EDUCATION

### Newcastle University

Newcastle upon Tyne, UK

*Bachelor of Science in Computer Science (Software Engineering)*

2021 – 2024

**Grade:** Upper Second-Class Honours (2:1), GPA 4.0/5 equivalent

## CERTIFICATIONS

### CompTIA Security+ (In Progress)

Expected June 2025

*Professional IT Security Certification*

## EXPERIENCE

### Software Test Engineer

Riyadh, Saudi Arabia

*Bank Albilad*

Mar 2025 – Present

- Designed and executed test plans and test cases for banking apps across SIT and UAT environments.
- Performed gray-box and black-box testing for mobile, web, and ATM platforms.
- Analysed backend application logs to trace and verify user actions and system behavior.
- Collaborated with developers and stakeholders to identify, document, and resolve bugs.

## PROJECTS

### Home Lab - Personal & Cybersecurity Environment | *VirtualBox, NAS, Networking*

Ongoing

- Set up a virtualised environment using VirtualBox for practicing cybersecurity tools and OS installations.
- Configured a NAS for data storage and backups.
- Planning to expand into network segmentation and VLAN-based traffic routing using a managed switch.

### TryHackMe Learning Paths | *Cybersecurity Labs*

Mar 2025 – Present

- Progressing through Jr Penetration Tester, Web Fundamentals, and Web Application Pentesting learning paths.
- Developing skills in privilege escalation, Linux enumeration, reconnaissance, and password cracking using tools like Nmap, Hydra and John the Ripper.
- Applying OWASP Top 10 concepts through hands-on CTF-style labs.

### Hit Box Replica | *Raspberry Pi, CAD, Python, PyCryptodome*

April 2024 – Oct 2024

- Created a custom PS4-compatible arcade controller using Raspberry Pi and 3D-printed components.
- Researched legacy controller communication protocols and integrated Python-based logic for handling authentication data using PyCryptodome.
- Combined open-source input handling with hardware and software integration to replicate a controller's functionality.

## PROGRAMMING SKILLS

**Programming Languages:** Python, C#, SQL, JavaScript, HTML/CSS

**Frameworks & Libraries:** Flask, FastAPI, .Net, PyCryptodome, Scapy

**Developer Tools:** Linux, Git, Docker, CI/CD, CLI, VS Code

**Databases:** PL/SQL, PostgreSQL

## SOFT SKILLS

**Languages:** Native Arabic speaker with professional proficiency in English

**Communication:** Technical Writing, Interpersonal Communication, Cooperative

**Problem-Solving:** Critical Thinking, Debugging, Troubleshooting, Analytical Thinking

**Adaptability:** Rapid Learning, Flexibility with Tools and Frameworks, Resilience

**Organisation:** Time Management, Task Prioritisation, Attention to Detail