

# Rayan Al Talhi

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**Cybersecurity-focused Computer Science graduate with a strong foundation in operating systems, networking, and applied security concepts, complemented by hands-on technical training and projects.**

## Education

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### Taif University

Aug 2020 - Aug 2025

Bachelor of Science in Computer Science

GPA: 3.35 / 4.00

Relevant coursework: Computer Networks, Computer Systems Security, Internet Technologies.

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### Saudi Aramco's Summer Enrichment Program

Dhahran

High-school enrichment program focused on English language, life skills, character building, and exposure to corporate culture.

Aug 2019

## Experience

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### Co-op Trainee

Jun 2025 - Aug 2025

#### Al Khawarizmi Institute

- Developed a CRUD web-based application using PHP, MySQL, JavaScript.
- Worked in a team environment, in a hardware/repair store, assembling PCs, formatting, and installing required software for customers' laptops.

## Projects

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### Manasik Robotic Wheelchair (MRW) – Capstone Project

- Developed a guided autonomous wheelchair prototype to improve independent mobility for elderly and disabled visitors of the Grand Mosque in Makkah.
  - Implemented line-following navigation with obstacle detection to reduce reliance on manual driving and physical effort while ensuring safe, reliable movement.
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### My Own Compiler (MOC) – C++ Project

- Built a basic compiler in C++ as a personal project to explore compilers beyond theory.
- Implemented a simple custom language and translated it to x86-64 NASM assembly.
- Gained practical understanding of how high-level code is translated into programs.

## Certifications & Training

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### Certifications

- eLearnSecurity Web-application Penetration Tester (eWPT).
- eLearnSecurity Junior Penetration Tester (eJPT).

### Courses & Practice

- CompTIA Security+ – Completed coursework.
- Hack The Box: CPTS learning path (in progress), CBBH learning path (completed).
- CTF participant in Black Hat 2025 CTF Qualifications, and regularly practice in TryHackMe and Hack The Box.

## Skills

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**Languages:** Arabic (Native), English (Advanced).

**Security Fundamentals:** Networking, access control, vulnerability assessment, web security, basic threat analysis.

**Programming Language:** C++, Python, Bash Scripting.

**Tools:** Linux, Burp Suite, Metasploit, ffuf, Dirbuster, SQLMap, WPScan, Ghidra.