Adnan Hamdan

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in LinkedIn
○ GitHub
🔗 Portfolio

Education

B.Sc. in Computer Science, *Karlstad University*
08/2022 – 06/2025 | Karlstad, Värmland

Upper Secondary Education in Information and Media Technology Specialization,
NTI High School
08/2019 – 06/2022

Professional Experience

Professional Experience
Currently seeking/entry-level; no formal work experience yet.

Academic & Personal Projects (6 years)
Hobby projects, coursework and continuous self-learning/practicing.

Languages

- Arabic - Native
- Swedish - Upper-Intermediate / Advanced
- English - Upper-Intermediate / Advanced

Interests

Cyber Security — Web Security, Network Security, and Digital Footprint Analysis

Projects

A full list of projects can be viewed on my GitHub profile. ↗

Skills

Knowledge & Skills

- **Software Development & Methodologies:** Agile methodologies, Traditional methodologies, Object-Oriented Programming (OOP), GUI design principles, API integration, Front-end & Back-end development, Mobile development (Android with Java), Team collaboration
- **Computer Science Fundamentals:** Discrete Mathematics, CPU and Memory Management, Operating System Fundamentals, Data Structures and Algorithms, Programming language theory, Optimization
- **Networking & Cybersecurity:** Networking Fundamentals, Cybersecurity fundamentals, Network analysis, Penetration testing principles
- **Databases:** Database fundamentals, Database schema design, Non-relational databases
- **Testing & Evaluation:** Manual testing, Automated testing, Usability testing, Prototyping, Evaluation methodologies
- **Machine Learning & Data:** ML fundamentals, ML programming with Python, Data Ethic

Programming Languages

- C, C# (.NET, Windows Forms, XML, API interaction), Java (Android, Windows game development), JavaScript (JS), PHP, Python, Assembly (MIPS)

Technologies & Tools

- **Operating Systems:** Kali Linux, Ubuntu, Windows
- **Frontend:** HTML, CSS, JavaScript, Bootstrap, Tailwind, React, Vue.js
- **Backend:** Node.js, PHP (with MySQL via phpMyAdmin), REST APIs (creation and integration)
- **Databases:** MySQL, NoSQL, Firebase, MongoDB
- **Cybersecurity & Networking:** Wireshark, Nmap, Burp Suite, OWASP ZAP, Ettercap, Metasploit Framework
- **Version Control:** GitHub, GitLab

Courses

All completed courses are listed on my LinkedIn profile ↗