

Edrees Tamer Abu Hamdieh

Computer Engineering Student, Bartın University · **Looking for an internship for spring 2026 for 14 weeks (9 Feb – 29 May)**

Bartın, Türkiye · +90 539 248 84 96 · edreesabuhamdieh@gmail.com

LinkedIn: <https://www.linkedin.com/in/edrees-abu-hamdieh-84a354243/>

Github: <https://github.com/edrees078>

PROFESSIONAL SUMMARY

I am currently pursuing a BSc in Computer Engineering at Bartın University with a strong focus on software development and cybersecurity, supported by one year of prior study in Cyber Security Engineering. Built projects including a keystroke-dynamics authentication system and several Python/C# data-driven applications. Trilingual – Arabic (native), Turkish, and English – with experience leading team projects and solving complex technical problems. **I am seeking for a 14-week internship in Spring 2026 where I can apply and grow my skills in secure software and intelligent systems.**

Education

Bartın University – BSc in Computer Engineering

2022 – Present | Expected graduation: 2026

Relevant courses: Data Structures and Algorithms, Object-Oriented Programming, Database Systems, Computer Networks, Operating Systems, Microprocessors, Digital Logic Design, Machine Learning.

GPA: 2.52 / 4.0 (current)

Al-Dar University College in Dubai – BSc in Cyber Security Engineering (1 year completed)

2019 – 2020

Focus on: Network Security Fundamentals, cryptography basics, secure systems design.

Technical Skills

Programming Languages & Markup

C#, Python, JavaScript, PHP, HTML, CSS, SQL

Frameworks & Technologies

.NET & .NET MAUI, Node.js, Sockets.io, Firebase integration, basic REST APIs, Python data/ML libraries (Pandas, scikit-learn)

Databases

MySQL / SQL Workbench, SQLite, MongoDB, Firebase (cloud database)

Web & Application Security

secure web app simulation labs (HTML/JS/PHP), vulnerability testing workflows

Security Tools & Platforms

Nmap, Metasploit, Burp Suite, Fortigate firewalls, Kali Linux

Development Tools

Git & GitHub, Visual Studio, Visual Studio Code, Windows, basic Linux usage

Projects

- 1- **Keystroke Dynamics Authentication System** – Python, scikit-learn, SQLite
 - Developed a continuous user-authentication system based on typing patterns (keystroke dynamics).
 - Collected and preprocessed keyboard data, extracting hundreds of timing features per session.
 - Trained and evaluated SVM - RF models, analyzing accuracy and error rates (FAR, FRR, EER).
- 2- **Multi-Functional Mobile App (.NET MAUI)** – C#, .NET MAUI, Firebase
- 3- **OWASP Top 10 Web Vulnerabilities Simulation Lab** – HTML, CSS, JavaScript, PHP, MySQL, Kali Linux
- 4- **Bank Database Management System** – C#, MySQL / SQL Workbench

Certifications & Training

- **Cyber Security Summer Camp Contribution** – Talentcoders | Aug 2025
- **JavaScript Essentials 1 (JSE)** – Cisco Networking Academy | 2022
- **Cybersecurity Essentials** – Cisco Networking Academy | 2021
- **Introduction to Packet Tracer** – Cisco Networking Academy | 2021

Languages

- Arabic – Native
- English – C1 (Advanced / Professional working proficiency)
- Turkish – C1 (Advanced / Professional working proficiency)

Activities & Achievements

- Prepared and delivered several **technical presentations** as part of university coursework (topics including computer networks, security, and embedded systems).
- Actively develop and maintain multiple **personal and academic projects on GitHub**, including keystroke-dynamics authentication, .NET MAUI apps and security simulation labs.
- Regularly follow online communities, courses and documentation related to **software development and cybersecurity** to keep skills up to date.

Reference

Available upon request.