Oussema Ben Ayech

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Education

Software Engineering – Tek-Up university	2025 – 2026
Cyber Physical Security – Higher Institution of Applied Sciences and Technology of Mater	2024 – 2025
Computer systems and networking – Higher Institution of Applied Sciences and Technology of Mateur	2021 – 2024
Baccalaureate – Computer Science	2017 – 2021

Skills

Programming Languages: JavaScript, Java, PHP, Python, SQL, C++, Go
Frameworks: React.js, Symfony, Angular, Springboot, Nextjs, React
Databases: MariaDB, MongoDB, PostgreSQL, Oracle, MsSQL
Tools and platforms: Git, Github, GitLab, Docker, Kubernetes, Postman, Web Security, Penetration Testing, Hack-TheBox, TryHackMe, Linux

Certifications

- CyberSecurity Professional certificate – Google
- Legacy FullStack developer – freeCodeCamp
- HackerRank Python , JavaScript, Java , Go , SQL, React , Node

Projects

- **Darkweb Scraper (Python)** – Scrapping breached credentials from search engines on the DarkWeb using Tor and BeautifulSoup
- **TrueCaller Phone Guesser (Python)** – Guessing the phone number of some user based on his name
- **BSPWM rice (Linux)** – A custom Linux desktop environment theme
- **IOT Hacking tool (C++)** – Detecting exact locations of nearby devices in real time using wifi signals
- **TuniWay (SpringBoot)** – Discovering and giving guidance to travel tunisia
- **IEEE Nexus (Symfony)** – Symfony app for managing IEEE chapters across university

Experience

Innothink-IT – Penetration Tester	May – July 2024

- Tested the security of clients website

Innothink-IT – Final year project internship	February – May 2024

- Developed a self hosting VPN platform as an open source project based on WireGuard architecture to prevent identity theft using Robust web technologies

Upwork – Freelancer	March 2024

- Developed an automation script for a Linux system to update a Github repo under a condition on an NGINX server

Sanofi – Summer internship	July – August 2023

- Set up a new network architecture for the administration departments
- Worked as customer support and monitored the network infrastructure

SEA group – Summer internship	June – July 2022

- Developed a fully automated door to manage employee entry using Electron.js, ReactJS, NestJs, expressJS, PostgreSQL, Arduino and RFID card reader

Languages

English – Excellent	**French** – Intermediate	**Arabic** – Native language