

# OUSSEMA ZOUCHE

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## SUMMARY

Computer networks and telecommunications student with a deep love for programming and IT, particularly in cyber Security and web development fields. I spend time exploring new innovations and learning new technologies. I am dedicated to continuously learning and growing, aspiring to solve problems and present solutions through the art of coding.

## EDUCATION

**Baccalaureate Degree in Mathematics (with high honours)** May 2020

**Engineering Degree in Computer networks and telecommunications** May 2025  
National Institute of Applied Science and Technology (INSAT)

## PROFESSIONAL EXPERIENCE

**Cyber Security Intern @ Securas Technologies** July 2023 – Aug 2023

building a multi GPU Password Cracker

- Install and configure the hardware
- set up software environment and optimize system performances
- capture handshakes using WiFi Pineapple Mark VII
- crack password using various password cracking algorithms

## PROJECTS

### Personal Blog

<https://oussemazouch.vercel.app/>

- My personal blog where I'm sharing cybersecurity related articles and writeups for the most interesting challenges I solve in CTFs

### IronGym

January 2024

Full stack web development project.

- Contributed in the planning and development of an online fitness platform that help customers connect with fitness coaches as well as offering the ability to shop for fitness related products.
- This initiative involved the end-to-end development of an online platform, encompassing product cataloging, secure authentication, profile customization and an admin dashboard
- Technologies: **NestJS, Angular16, MySQL.**

### Blockchain-based NFT Marketplace

Mars-April 2023

Decentralized NFT Marketplace.

- This project aims to create a safe and easy-to-use platform for buying and selling special digital items called NFTs.
- Technologies: **Truffle, Ganache-CLI, React JS.**

## TECHNICAL SKILLS

**Cyber Security:** Penetration Testing, Web Exploitation

**Web Development:** NestJS, SpringBoot, Symfony, Angular

**Programming:** Golang, Java, Python, C

## ACTIVITIES

**Securinets National Association**

Dec 2022

Project manager of CyberCamp V 3.0