



# LOUBNA GOUCHAG

CYBERDEFENSE ENGINEERING STUDENT

## CONTACT



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## TECHNICAL SKILLS

- Linux and Windows Active Directory hardening.
- ELK kibana.
- splunk: basics
- Python
- Cryptography and public key infrastructure (PKI).
- Threat intelligence frameworks : OpenCTI, MISP, YARA.
- Traffic analysis : Wireshark, Zeek, Brim.
- Nmap.
- Burp suite.

## LANGUAGES

- Arabic : native.
- English : B2, advanced.
- French : B2, advanced.

## PARA-UNIVERSITY ACTIVITIES

- May 2023 - Present : member of the Women For Cyber Africa association.

## PROFIL

Currently pursuing my Master's degree in cybersecurity and embedded systems at ENSA (École Nationale des Sciences Appliquées) engineering school at Marrakesh, Morocco. I am passionate about information security with a blue team focus . For this, I would be honored to get the BARQ Systems internship to gain additional experience and be an effective entity in the company and the team.

## EDUCATION

**2021 - Present** : Engineering cycle in cybersecurity and embedded systems (Master's degree)

- National School of Applied Sciences of Marrakech, Morocco.

**2019 - 2021** : Preparatory classes.

- National School of Applied Sciences ENSA

**2018 - 2019** : International Baccalaureate in Mathematical Sciences French option.

## BOOTCAMP

**July 2023 - Present: CyberTalents Blue Team BootCamp**  
SOC Analyst and Threat Hunting Training

## EXPERIENCE & PROJECTS

**June - August 2023** : Network security internship at the Police Prefecture of Marrakech :

- Implementation of a secure LAN-WAN-DMZ architecture.
- Technical skills: PfSense, Snort, OpenVPN, pfBlockerBG.

**2022-2023** : Implementation of a web vulnerability scanner

- NodeJS, MYSQL, HTML,CSS

**2021 - 2022** : Facial recognition system and emotion detection:

- Python, Viola Jones algorithm, CNN (convolutional neural network)

## CERTIFICATIONS

- (ISC)<sup>2</sup> Systems Security Certified Practitioner (SSCP)
- IBM Cybersecurity Analyst professional certificate - Coursera.
- TryHackMe Junior Pentester learning path.
- Cyber Security Management Virtual Experience Program with ANZ Bank on the Forage - April 2023
  - Social Engineering Investigation & Digital Investigation.
- Blue Team Junior Analyst Pathway on Security Blue Team.
- Tesltra Virtual Experience Program :
  - Responding to a malware attack.
  - Analysing the attack.
  - Mitigate the malware attack (Technical).
  - Incident Postmortem.