



# AYMAN MIDAN

## CYBERSECURITY AND AI STUDENT

Aspiring cybersecurity and AI/ML professional currently studying and involved in both identifying security weaknesses and developing machine learning models. I work on integrating AI techniques to enhance security measures and contribute to incident response, all while maintaining a strong focus on information protection and documentation best practices.

## CONTACT

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📍 Rabat

## SKILLS

### TECHNICAL SKILLS

Python, Java, R for statistics, SQL, LaTeX, Web Development, TensorFlow, Metasploit, Kali Linux, Wireshark, Networking, TCP/IP Protocols, Machine Learning, Probability and Statistics,

### LANGUAGES SPOKEN

Amazigh : Native language  
Arabe : Professional level  
Français : Professional level  
Anglais : Professional level

## EDUCATION

2024 – PRESENT | ENGINEERING CYCLE IN CYBERSECURITY & AI  
NATIONAL INSTITUTE OF POSTS AND TELECOMMUNICATIONS (INPT)  
- RABAT, MOROCCO

2022 – 2024 | PREPARATORY CLASSES FOR ELITE ENGINEERING SCHOOLS (CPGE)  
LYCÉE D'EXCELLENCE MOULAY YOUSSEF - RABAT, MOROCCO | MP TRACK (MATHEMATICS & PHYSICS)

2021 – 2022 | SCIENTIFIC BACCALAUREATE IN MATHEMATICAL SCIENCES

## PROJECTS

### INPT Fitness Center Website | HTML, CSS, JavaScript, Flask

- Developed a dynamic website for the university gym with workout tutorials, exercise libraries, and class scheduling.
- Included demo pages for strength and cardio routines.
- Impact: Increased student engagement with interactive exercise guides by 40%.

### Secure Streaming Platform GUI | Java, JavaFX, BCrypt, MySQL

- Developed a desktop application with user authentication, movie categorization, and a rating system, similar to Netflix.
- Implemented encryption for sensitive data and secure logins using BCrypt.
- Features included search filters, watchlists, and admin dashboards.

### Ransomware Detection using Generative AI | Python, GANs/VAEs

- Built a machine learning model to detect ransoms by augmenting datasets using GANs and VAEs.
- Achieved 98% accuracy training ML and DL models on CTGAN augmented data (100,000 software).

## CERTIFICATES

Cybrary - Ethical Hacking  
Cybrary - Linux File System  
Cybrary - Wireshark  
HP - Security Awareness  
Huawei - HCIA Datacom

## STRENGTHS

- Team Collaboration
- Problem Solving
- Communication Skills
- Adaptability