Hamza AFIF

+212-6-82 91 82 78 | ha.afif25@gmail.com | linkedin.com/in/afif-hamza/ | portfolio-g2s.pages.dev

EDUCATION

HEM Business and Engineering school	Casablanca, Morocco
Third-year student specializing in Computer Science at HEM Engineering School.	*2022 - Now*
National University of Pharmacy	Kharkiv, Ukraine
Interrupted my studies in Pharmacy due to unforeseen circumstances caused by regional conflict.	*2020 - 2022*
BTS in Electronic Systems	Settat, Morocco
Studied electronic systems for a year and gained foundational knowledge in technology.	*2019 – 2020*

EXPERIENCE

Team Lead - Cybersecurity Solutions (Internship) — July 2024 – October 2024
Microtech Leaders (MSSP) — *Casablanca, Morocco*
- Led a team of fellow interns in cybersecurity operations, facilitating meetings and contributing to strategic decision-making as a Team Lead.
- Acquired cybersecurity fundamentals by deploying ConnectWise MDR and SentinelOne agents in lab environments and transitioning legacy systems to Acronis solutions for improved data protection and operational efficiency.
- Developed an AI-driven tool that processes .csv and Excel file logs, outputting them as PDFs or other user-preferred formats. This tool automates the reporting of activity logs, such as virus detections and system alerts.
- Designed and developed a training platform using Django and JavaScript to assess team expertise and preferences, offering personalized training paths in areas like red teaming, blue teaming, and forensics.

Software Development Intern — June 2024 – July 2024
Moroccan Jewish Museum — *Casablanca, Morocco*
- Led the museum's digital transformation by developing tools to modernize visitor experience and digitize exhibits, improving data accessibility with Python and Flask.
- Built an AI-powered Telegram bot with Langchain and OpenAI API for QR-based artifact stories and virtual tours.
- Developed a storage management app for collection cataloging, integrating inventory tracking and QR code generation for offline use.
- Enhanced tourist engagement by guiding interactive room tours with digital tools for exhibit exploration.

CERTIFICATIONS

CCNA - Introduction to Networks (ITN)	Cisco
CISCO IT Essentials	Cisco
DALF C1	France Éducation International
Linguaskill Business C1	Cambridge English
Scientific Computing with Python	freeCodeCamp

RELATED ACTIVITIES / PROJECTS

Prix Coup de Cœur GSEC 2024 Montreal, Canada   Achieved the Coup de Cœur prize at the GSEC 2024 organised in Montreal, Canada after winning the national finals in Morocco, highlighting the innovative impact of my startup idea on the entrepreneurial landscape.

President of IT Club at HEM Casablanca   Founded and currently leading the IT club at HEM Casablanca in 2024, fostering a collaborative environment for students to explore tech trends, organize workshops, and build foundational IT skills.

Robot Makers Day Casablanca, Morocco   Organized and participated in "Robot Makers Day" Event in 2023 & 2024 where I taught high school students the basics of robotics using Arduino, guiding them in creating Bluetooth-controlled cars.

Going for Gold Event App Casablanca, Morocco   Developed a trivia quiz game web application using Node.js, After getting first place for the most developed and effective code. Successfully implemented the app on a real server using port forwarding and NGINX for the event.

TECHNICAL SKILLS

Languages:JavaScript, Python, C, C++, Java, HTML, CSS, PHP, SQL, PostgreSQL, SQLite
Frameworks: LangChain, Django, Flask, Pygame, Scapy, NodeJS
Tools & Technologies:Metasploit, GNS3, Wireshark

SOFT SKILLS

Team Leadership: Experienced in leading and guiding teams to achieve common goals. Currently pursuing IBM Project Management Certification to enhance my project management skills.
Communication: Excellent verbal and written communication abilities.
Problem-Solving: Strong analytical skills for troubleshooting complex issues.