

Soulaymane AZZOZ

Master's Student (M2) - Microelectronics & Radio Frequency

 Tetouan, Morocco

 +212 628740564

 soulaymaneazzouz@gmail.com



Profile

Master's student (M2) specializing in telecommunications and mobile networks (2G-5G), with strong skills in embedded systems and microelectronics. Actively seeking an end-of-studies internship (PFE) to apply my technical knowledge in an innovative professional environment.

Professional Experience

Ad Hoc Network Security Internship

July - Sept 2025

Smart Automation Technologies, Tangier

- Secure VANET Communication Through Decentralized Key Management and Lightweight Cryptography (ECDH, ChaCha20, HMAC)

Printed Circuit Board Designer

April 2024 - Present

Fiverr, Freelance

- Design of custom PCBs for electronic applications (projects, prototypes...)

Developer and Manager

May 2020 - Present

Discord, Freelance

- Development of Discord bots and server optimization for engagement and management

Chess Trainer

Dec 2023 - Aug 2025

Innov'ed Center, Tetouan

- Training children to improve strategic and tactical chess skills

Education

Master of Excellence : Microelectronics and Radio Frequency

2024 - Present

Abdelmalek Essaadi University, Tetouan

In Progress

Bachelor of Excellence : Microelectronics and Radio Frequency

2023 - 2024

Abdelmalek Essaadi University, Tetouan

Grade: Very Good

DEUG : Physical Materials Sciences

2021 - 2023

Abdelmalek Essaadi University, Tetouan

Grade: Good

Technical Skills

Mobile Networks

Architecture, Protocols, Network Security, 2G, 3G, LTE, 5G

Computer Networks

VLAN/LAN, OSI, DHCP, DNS, TCP/IP, UDP

Programming

C, Python, VHDL, Assembly

Software

ADS Keysight, Altium Designer, Atoll, OMNeT++, NS3, VS Code, VMWare

Embedded Hardware

Arduino (Uno, Nano), ESP32, PIC16F877A, Raspberry (Pico, Pi)

Microsoft Office

PowerPoint, Word, Excel (Basic)

Academic Projects

- OFDM for Modern Telecommunications Systems
- Handover Prediction in Mobile Networks Using Artificial Neural Networks (ANN)
- Optical Fiber Network Security : Principles, Technologies, and Applications

Certifications & Extracurricular Activities

Certifications : 5G (Qualcomm, Coursera), 4G-LTE/3G/2G (Udemy), Machine Learning (DeepLearning.AI, Coursera), Networking Basics (Cisco), PCB Design (Altium)

Extracurricular Activities :

- President and Consultant : Microtech Club (2024-Present)
- Ambassador and Consultant : FS Chess Club (2023-Present)
- Ambassador : IEEE IMAS (May-Oct 2025)

Skills & Interests

Languages : Arabic (Native), French (Intermediate), English (Intermediate)

Personal Skills : Leadership, Project Management, Public Relations, Teamwork

Interests : Chess, Sports (Football, Basketball), Video Games, Travel, Reading