

# Moutaa Chaoui

Security of Computer Systems and Networks Engineering Student



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Cite ettahrir, Tunis, Tunisia

## Profile

Advanced network security specialist with master's-level education and practical experience in telecommunications and application development. Proficient in network simulation tools and protocol implementation. Passionate about emerging technologies with strong adaptability and problem-solving skills. Seeking a scholarship opportunity to enhance my technical expertise and contribute to more network and cybersecurity focused projects.

## Education

<b>TEK-UP University</b> Engineering Degree in Security of Computer Systems and Networks (SSIR) <b>Faculty of Sciences of Tunis</b> Master's Degree in Network and Communication Systems <b>University of Tunis El Manar / Faculty of Sciences of Tunis</b> Bachelor's Degree in Information Technology and Computer Systems Networking <b>Lycée Menzah 9</b> Baccalaureate in Technical Sciences	<b>2024 - 2026</b> Ariana, Tunisia <b>2023 - 2025</b> Tunis, Tunisia <b>2020 - 2023</b> Tunis, Tunisia <b>2020</b> Tunis, Tunisia
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## Technical Skills

<b>Network Technologies:</b>	MPLS, VPN, Optical Fiber Networks, Advanced Network Protocols
<b>Security:</b>	Cybersecurity Fundamentals, Network Security, DNS Security
<b>Programming:</b>	Python, Bash, JavaScript, java
<b>Network Tools:</b>	Cisco Packet Tracer, GNS3, EVE-NG, Linux Environment
<b>Network Simulation:</b>	Virtual network design, Protocol implementation, Network testing
<b>Web Development:</b>	Responsive Design, Full-Stack Development
<b>Methodologies:</b>	Scrum Framework, Agile Development

## Professional Experience

<b>Tunisie Telecom</b> <i>Intern</i>	<b>January 2023 - June 2023</b> Ariana, Tunisia
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- Developed a web application for monitoring optical fiber network status
- Created a documentation system for Metropolitan Area Network (MAN) optical fiber infrastructure
- Analyzed network performance and formulated recommendations for continuous improvement

- Collaborated with engineering teams to report issues and manage project deliverables

**EKLECTIC**  
*Student Intern*

**July 2022 - August 2022**  
Lac 2, Tunis, Tunisia

- Co-developed a fitness application for Android devices
- Applied full-stack development tools to create holistic applications
- Provided regular project updates and proposed solutions to technical challenges

## Projects

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- **Blocker (DNS Security Tool):** Developed a cross-platform Python application that functions as a DNS server to block unwanted domains (ads, malware, adult content) with customizable blocklists and real-time monitoring capabilities. Link: <https://github.com/Fyroo/Blocker>
- **MPLS Network Orchestration:** Currently developing an application for L3VPN orchestration and monitoring in MPLS networks, focusing on automation and visualization of complex network topologies (to be published on GitHub).
- **Optical Fiber Network Documentation Web App:** Created a web application for documenting Metropolitan Area Network (MAN) optical fiber infrastructure to improve network management and troubleshooting. Link: [https://github.com/Fyroo/Network\\_Manager](https://github.com/Fyroo/Network_Manager)

## Languages

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<b>Arabic:</b>	Native
<b>English:</b>	Advanced (B2 CEFR certified - April 2025)
<b>French:</b>	Intermediate

## Interests

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Cycling, Swimming, Travel, Emerging Technologies, Network Security Research