Narjess Haj Mouhamed

📍 Ariana,Tunis ✉ narjess.hajmouhamed@supcom.tn 📞 +216 99 006 856

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PROFILE

Motivated final-year ICT engineering student at Sup'Com, passionate about web development, data engineering, machine learning, and artificial intelligence. Experienced with React, Firebase, and deep learning techniques, with hands-on experience in projects involving intelligent multimedia data processing and energy consumption analysis.

PROFESSIONAL EXPERIENCE

Summer Internship at Tunisie Telecom *July 2024*
- Hands-on experience with network architecture.
- Participated in the installation and configuration of telecommunication systems.
- Collaborated with the technical team to ensure the deployment and maintenance of network infrastructure.

Summer Internship at Bintecom *July-August 2024*
- Assisted in web development and software solutions for clients.
- Collaborated with the technical team on implementing and testing new features.
- Gained experience in project management and client communication.

PROJECTS

Sahha Map – Mobile Application *January 2025*
Flutter and Firebase Developer
- Collaborated with teammates to develop a mobile app enabling users to access healthcare services in Tunisia.
- Used Flutter for mobile development and Firebase for data and user management.

L'âme de Tunisie – Website *January 2025*
Web Developer (React, Next.js, and Express)
- Created a website to promote Tunisia and its beauty to tourists.
- Used React for front-end development, Next.js for server-side rendering, and Express for the back-end.

Data Simulation and Augmentation for Optimized Household Load Management *May 2025*
AI Industry Project
- Project based on the synthesis and disaggregation of energy consumption data using a multi-appliance GAN model.
- Used Python and TensorFlow for model development.

EDUCATION

Higher School of Communication (Sup'Com), Tunis *2023–2026*
Engineering studies in ICT

Higher School of Sciences and Technologies, Hammam Sousse *2021–2022*
Preparatory classes in Mathematics and Physics, Rank: 171/1831

Sidi Alouane Secondary School *2017–2021*
Mathematics Baccalaureate

EXTRACURRICULAR EXPERIENCE

Design Committee – Junior SupCom Entreprise 2024

Created and managed visuals and designs for the club's events

Annual SupCom Forum 2024

Participated in the organization of the event

TECHNOLOGIES

Programming Languages: Python, C++, C, SQL, Matlab

Web and Mobile Development: HTML, CSS, React, Node.js, Express

Databases: Firebase, MySQL, PostgreSQL , MongoDB

Artificial Intelligence: Machine Learning, Deep Learning (TensorFlow)