Rahma Dridi

I am a first-year Master's student in Professional Telecommunications and Network Systems.

Motivated, diligent, and fast-learning first-year Master's student in Professional Telecommunications and Network Systems, seeking a summer internship to enhance my skills within your organization.

dridirahma951@gmail.com

+21628417062

Manouba, Tunisia

linkedin.com/in/rahma-dridi-6755082a0

EDUCATION

Master's in Professional Telecommunications and Network Systems
Faculty of Sciences of Tunis
09/2024 - Present   *Tunis,Tunisia*

Bachelor in information and communication technology
Faculty of Sciences of Tunis
09/2021 - 06/2024   *Tunis,Tunisia*

Baccalaureate in Mathematics
Assad Ibn Fourat high school – Oued Ellil
09/2020 - Present   *Tunis,Tunisia*

PROFESSIONAL EXPERIENCE

Python Developer Intern
Sotetel
02/2024 - 05/2024   *Tunis, Tunisia*
Achievements/Tasks

- Designed and developed a network automation platform to simplify and expedite the deployment and management of network services. The system manages equipment configuration, supports routing protocols, facilitates switching management, and enables report generation and device monitoring.
- keywords : HTML, CSS, Javascript, JQuery, Bootstrap, Python, Django, Networking, Routing, Switching, Cisco.

LANGUAGE

French
Native or Bilingual Proficiency

English
Native or Bilingual Proficiency

Spanish
professional working proficiency

SKILLS

C | C++ | HTML | CSS | Javascript | JQuery | Bootstrap | Java | Springboot | Angular | Python | Django | SQL | Arduino | Raspberry Pi | STM32 | ESP32 | DSP | IOT | Linux | Cisco | Networking | Routing | Switching | Machine Learning | Matlab | Mbed | Proteus ISIS

PERSONAL PROJECTS

Employee and Leave Management System
- Developed an Employee and Leave Management System using Java and Spring Boot for backend services, Angular for frontend development, and MySQL for database management. Implemented features include employee information management and leave request submission.
- keywords : Java, Spring Boot, Angular

Facial Recognition Attendance Management:
- Designed and implemented an innovative Facial Recognition Attendance Management system using Raspberry Pi, showcasing advanced skills in computer vision and IoT.
- keywords : Raspberry Pi, Python, OpenCV.

MATLAB Audio Signal Analysis Application :
- Engineered an advanced MATLAB application designed for analyzing and manipulating audio. It offers the possibility to record mono and stereo sounds and to edit and analyse sounds regarding the intensity, pitch height, duration or formants.
- keywords : MATLAB, GUI Lite 2.5/2.6.

Java Swing Currency Converter Application:
- Developed a robust Java application utilizing the Swing framework for seamless currency conversion. The user-friendly interface allows for effortless selection and conversion between different currencies specializing in Euro, Dinar, and Dollar conversions.
- keywords : Java, Swing

Multifaceted Dashboard Application :
- Developed a comprehensive dashboard application that seamlessly reads data from sensors on Arduino, conducts real-time analysis, and transmits the processed information to ESP32 for display on the Thinger platform.
- keywords : Arduino, ESP32, Thinger Platform.

Sensor Dashboard Application:
- Developed a dynamic Sensor Dashboard application on the Raspberry Pi platform, enabling real-time reading, analysis, and graphical representation of sensor values from the serial port using Python.
- keywords : Raspberry Pi, Python.