Walid Mohamed KESSOUM

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EDUCATION

National Higher School of Advanced Technology (ENSTA)   **2022 - 2025**

Engineering cycle specializing in Telecommunications and Network Systems   *Algiers, Algeria*

- *Member of various scientific clubs*

Higher School of Applied Sciences (ESSA)   **2020 – 2022**

ST preparatory class   *Algiers, Algeria*
- *National entrance exam to National Higher Schools Session ST 2022*
- *National Ranking (282/1723), Internal: (19/106)*

Ibn Rochd High School   **2017 – 2020**

Experimental sciences   *Blida, Algeria*
- *Baccalaureate Degree, "Good" mention.*

EXPERIENCE

DJEZZY   **10/2024 - Present**

Intern, Full time   *Algiers,, Algeria*

Project: Design and Development of a 3G/4G Data Application

- Recovery and storage of 3G/4G raw data (Huawei, Nokia, ZTE) on server/VM.
- Creation of a Web database and a 3G/4G Dashboard model.
- Data integration with SQL tables.

SONATRACH   **03/2024 – 04/2024**

Intern, Full time   *M'sila, Algeria*
- In-depth understanding of industrial networks and their equipment.
- Visualizing the utility of SCADA systems and VoIP technology in industry.

Algerie Telecom   **03/2023 – 04/2023**

Intern, Full time   *Blida, Algerie*
- Training on the operation of optical fiber and its technical applications.
- Participation in FTTH installations, welding and fiber maintenance within the fiber optic maintenance team.

GROUPE AMOUR   **07/2021 – 09/2021**

Agent de bascule, Full time   *Blida, Algerie*
- Reception and communication with customers and suppliers for the weighing of goods.
- Capture and monitor weighing data, ensuring accuracy and transparency.
- Experience acquired in the use of MS Office software in an industrial context.

SKILLS

Certifications: [Google Cybersecurity](#)**,** [Google IT Automation with Python](#)**,** [Google IT Support](#)[, Cloud Engineering](#)

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

Interpersonal skills: Strategic planning, Teamwork, Time management, Teaching

Technical skills:

- **Software :** MATLAB, Simulink, HFSS, Proteus, Ansoft Designer, Advanced Design System, Packet Tracer,VSCode, Adobe Photoshop , Adobe Premiere, MS Project
- **Programming languages:** C/C++, Python, SQL, HTML/CSS, JavaScript, Assembleur ARM
- **Hardware / Platforms:** Arduino, RaspberryPi, STM32, Linux