

# Walid Mohamed KESSOUM

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## PROFIL

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Final year engineering student at ENSTA in Telecommunications and Networking Systems. Strong interest in developing and acquiring new skills through projects or training.

## EDUCATION

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### 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

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### DJEZZY

10/2024 - Present

Intern, Full time

Algiers,, Algeria

- Design and Development of a 3G/4G Data Application with a database for Processing and analysis.

### 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, Algeria

- Understanding of processes, equipment and network architecture within the company
- 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, Algeria

- 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

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**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, Windows