

# ABDERAHMEN KHEMIR

3rd-year engineering student

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 <https://github.com/abdoukhemir>

## SUMMARY

Third-year computer science engineering student with experience in AI, web, and mobile development. Passionate about AI and eager to apply my skills in real-world projects.

## EDUCATION

National Engineering School of Sousse (ENISO)	2023- 2026
3rd year embedded computing engineering cycle	
Nabeul Preparatory Institute for Engineering Studies (IPEIN)	2021-2023
Preparatory Engineering Exam - PT	
Korba High School	2018 - 2021
Tunisian Baccalaureate - Technology Section	

## WORK EXPERIENCE

Bootcamp Trainee - Huawei	China, October 2025 -10 days
<ul style="list-style-type: none"><li>• Participant – Seeds for the Future</li><li>• Joined an international training program on emerging technologies such as AI, Cloud Computing, 5G, and Digital Power.</li></ul>	
Internship - Capgemini	Tunis, June 2025–July 2025
<ul style="list-style-type: none"><li>• Developed a secure task management app using Python, MySQL, and SQLAlchemy with AES/RSA encryption and UML-based design.</li></ul>	
Internship - Tunisie Telecom	Nabeul, June 2024–July 2024
<ul style="list-style-type: none"><li>• Gained hands-on experience in telecom infrastructure and Angular web development, enhancing front-end and problem-solving skills.</li></ul>	

## ACADEMIC PROJECTS

### HealthConnect

- Created an Android (Kotlin) patient platform with an AI chatbot for symptom analysis and integrated Google Maps for specialized doctor discovery.

 <https://github.com/abdoukhemir/HealthConnect>

### Jar Defect Detection

- Simulated an industrial production line's visual inspection and sorting of defective jars using Webots and a TFLite YOLO model.

 <https://github.com/abdoukhemir/JarDefectDetection>  
-Webots-YOLO

## CERTIFICATES

- 2025- **Huawei** Talent Development Flagship Project in CHINA
- 2025- Accelerating Data Engineering Pipelines from **NVIDIA**
- 2025- Code Generation and Optimization Using **IBM Granite**

## TECHNICAL SKILLS

- **Languages:** Python, Java, C, Dart, Kotlin, HTML, CSS, JavaScript, SQL
- **Frameworks & Libraries:** Angular, Flutter, SpringBoot, TensorFlow Lite
- **Tools & Platforms:** Android Studio, Visual Studio, Git/GitHub, Microsoft Office

## LANGUAGES

- English – Advanced
- French – Advanced
- Italian – Basic

## VOLUNTEERING

- 2025: EUREKA – vice president
- 2024: Soli and Green - Active member