

# Abd Rahim Mojbani

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## Profile

Aspiring AI student leveraging expertise in deep learning and data analysis to solve real-world challenges. Seeking opportunities to apply CNN, machine learning, and full-stack development skills in innovative projects.

## Education

09/2023 – present Sousse, Tunisia	<b>Bachelor's Degree in Software Engineering and Information Systems</b> <i>Pristini School of AI</i> <ul style="list-style-type: none"><li>2nd year student in Applied Artificial Intelligence</li><li>Solid foundation in AI, data analysis, and software development</li></ul>
2022 – 2023 Sayada, Monastir	<b>Baccalaureate in Technical Sciences</b> <i>Sayada High School</i> Obtained with High Honors

## Professional Experience

06/2024 – 07/2024 Ksar Hellal, Monastir	<b>IT Intern – Network &amp; Systems Support</b> <i>Sartex Group</i> <ul style="list-style-type: none"><li>Assisted with routine system maintenance, updates, and network monitoring tasks.</li><li>Troubleshoot hardware and software issues.</li></ul>
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## Projects

01/2025 – 05/2025	<b>Emotion Detection with CNNs (Deep Learning + Image Data Analysis)</b> <ul style="list-style-type: none"><li>Built a <b>CNN model</b> using to classify 5 emotions from 20K+ images</li><li>Integrated the model with <b>OpenCV</b> to enable real-time using a webcam.</li></ul>
02/2025 – 05/2025	<b>Earthquake Detection &amp; Prediction System (Machine Learning + GUI API)</b> <ul style="list-style-type: none"><li>Trained a <b>Random Forest model</b> on USGS data to predict earthquake magnitudes</li><li>Built an interactive <b>web interface</b> (HTML, CSS, JS) for user input and results.</li></ul>

## Certificates

### Image Segmentation, Filtering, and Region

#### Analysis

Coursera (*MathWorks*) | **Completed: 2025**

## Skills

### AI & Data Science:

Machine Learning (Random Forest, SVM), Deep Learning (CNNs, RNNs), Data Preprocessing & Augmentation

### Tools & Libraries:

Pandas, NumPy, TensorFlow, OpenCV, Git & GitHub

### Programming:

Python, Java, SQL, C, HTML, CSS, JavaScript

### Soft Skills & Methodologies

Team Collaboration, Problem Solving, Time Management, Agile Methodology

## Languages

• Arabic

• English

• Frensh