








# WAFAE HAMDAOUI

PHD Student in AI & Smart Farming – State Engineer

## PROFILE

Currently pursuing a PhD at UEMF University in collaboration with the University of Valencia. My research focuses on applying AI and deep learning to address real-world challenges in precision agriculture, particularly the early detection and classification of citrus plant diseases. My work involves developing CNN models, constructing datasets, and deploying solutions on mobile and edge platforms for real-time agricultural applications. In addition to my research, I have strong full-stack development skills and enjoy creating efficient, user-friendly web and mobile applications.

## CONTACT

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## SKILLS

Computer Vision – Image Processing  
Machine Learning  
Convolutional Neural Network  
Python – NumPy, TensorFlow  
Java - Spring  
Angular, React  
Docker  
Flutter/Android  
Agile/Scrum  
Git: GitHub/Gitlab

## LANGUAGES

|         |             |
|---------|-------------|
| Arab    | <div></div> |
| English | <div></div> |
| French  | <div></div> |
| Spanish | <div></div> |

## EXPERIENCES

### Full stack developer : Java - Spring - Angular

*Tarmiz-Tanger*

- Developed a custom web application to manage events for a non-profit foundation.

### Full stack developer : Spring – Angular - Docker

*Giantlink Technologies*

- Implementation of a web platform for the hotel management including reservations and housekeeping.

### Full stack developer : Django - React

*Sahab Dev*

- Implementation of a web platform for the meter reading process.

### Java developer : Java - Swing

*Cabinet Doctor Soumaya Berrada*

- Develop a desktop application for managing a medical office and generate medical documents.

## ACADEMIC TRAINING

### Doctorate Diploma: Artificial Intelligence & Computer Vision for Smart Farming

*Euro- Mediterranean University of Fez, Morocco, in collaboration with the University of Valencia, Spain : 2024-2027*

### State Engineer Diploma: Web & Mobile Development

*School of Digital Engineering and Artificial Intelligence, Euro-Mediterranean University of Fez: 2019-2024*

### Scientific Baccalaureate

*Omar Ibn Al-Khattab High School : 2018-2019*

## CERTIFICATIONS

- Introduction to Computer Vision and Image Processing (IBM)
- Artificial Intelligence Fundamentals ( IBM SkillsBuild )
- Convolutional Neural Networks (DeepLearning.AI)
- Build Multimodal Generative AI Applications
- Developing Explainable AI (XAI)