


# Nouha BEL HAJ YOUSSEF

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 LinkedIn Profile

 GitHub Profile

 Medium Profile

## EXPERIENCE AND INTERNSHIP

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### •Multiverse AI

June-August 2023

Deep Learning Engineer Intern

Sousse

- Worked on a project to optimize the right time and amount to take the antibiotics.
- Understood the problem needs.
- Learned and tried different techniques such as Logistic Regression for the curve-fitting, DeepONets, and Physics-Informed Neural Networks.
- Created synthetic data for training, validation, and testing.
- Tried transfer learning of a pretrained Physics-Informed DeepONets model.
- **Technologies and skills:** TensorFlow, Python, Bio AI, Antibiotics, Drug, Machine Learning

### •Optimal Solution

February-May 2022

Software Developer Intern

Sousse

- Designed and Developed a web application for influence marketing that enables the sellers to manage their advertisement campaigns and the influencers to participate in them.
- Worked on the project specifications and implemented REST API using Java
- Implemented authorization and authentication using JWT and Spring Security
- Used Instagram API to get the influencer's information and posts in real-time.
- **Technologies and skills:** Java, Spring Boot, Spring Security, JWT, ReactJs, Redux, Bootstrap, Social Media Marketing, Digital Marketing

### •Carthage Solutions

July-August 2021

Software Developer Intern

Monastir

- Developed the BackOffice of an e-commerce application
- **Technologies:** MongoDB, ExpressJs, ReactJs, NodeJs

### •Organisa

December 2018-December 2022

Founder and Sales Manager

Tunisia

- **Skills:** Marketing, Sales, Entrepreneurship

### •Oxford Private School

November 2018-August 2019

Chemistry Physics Teacher, Part Time Job

Monastir

- **Skills:** Research, Public Speaking, Active Listening, Management of Personnel Resources

### •Regional Health Laboratory

July 2018

Chemist Intern

Monastir

## EDUCATION

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### •Pristini School of AI, Sousse

2023-Present

Master's degree in Data Science and Artificial Intelligence

### •Faculty of Sciences, Monastir

2020-2022

Bachelor's degree in Software Engineering and Information Systems

### •Faculty of Sciences, Monastir

2017-2019

Bachelor's degree in Chemistry

## CERTIFICATES

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**Meta Front-End Developer Professional Certificate:** Meta

**Meta Back-End Developer Professional Certificate:** Meta

**Deep Learning Specialization :** DeepLearning.AI

**Natural Language Processing Specialization:** DeepLearning.AI

**Advanced Computer Vision with TensorFlow:** DeepLearning.AI

**DevOps on AWS Specialization:** Amazon Web Services

## VOLUNTEERING WORK

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### •Ambassador, Women TechMakers, Google's Program

November 2022-Present

Empowering my community through organizing events, public speaking, creating content, and mentoring.

### •Community Organizer at Hack-It-Up Hackathon, Junior Enterprise ENISO

February 2023 - March 2023

Interviewed 20 competitors about their start-up idea/business model and contributed to the selection of contestants who would pass the competition.

### •Technical Blogger, medium.com

August 2021-Present