



# Walaeddine Maaoui

**Profile:** MEAN stack web developer, innovative, creative and with a strong analytical skills. Able to create a dynamic web applications using Angular in Frontend and Node.js in Backend.

## Contact

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📍 Gabes Tunisia

## Certifications

During my training in OpenClassrooms I obtained these certificates:

- Learn how to create your website with HTML5 and CSS3
- Learn to program with JavaScript
- Write JavaScript for the web
- Develop web applications with Angular
- Pass to Full Stack with Node.js, Express and MongoDB
- Manage code with Git and GitHub

## Language

Arabic	●	●	●	●	●
French	●	●	●	●	●
English	●	●	●	●	●

## Experience

- Developing Two websites for two clients in Upwork.
- Typescript/Javascript developer Gobrunch Brazil as freelancer on Upwork. Feb 08 – Jun 07, 2022.
- Creation of my personal website <https://www.maauiwalaeddine.com>.
- Creation of an e-learning webapp « Vers De Nouveaux Horizons » [vnh.maauiwalaeddine.com](https://vnh.maauiwalaeddine.com)

**You can have more information about my work in the Projects section of my personal website (screenshots and description).**

## Skills

- HTML5, CSS3, Javascript, Angular, Node.js, Embedded JavaScript templates (EJS), Express, MongoDB, Git.
- Creation of responsive designs that adapt to all screens.
- Creation of «Single Page Application» with Angular.
- HttpClient Module, Angular Interceptor, Reactive forms... in Angular.
- Building RESTful APIs using node.js and express.
- Implementation of a role-based authorization system.
- Multer, fs, nodemailer, Sharp, mongoose... in Backend.

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## Academic Background

### Experience:

### Publications:

#### **May 2022:** Article:

Walaeddine Maaoui, Ramzi Lazhar and Mustapha Najjari, Soil moisture retrieval model based on dielectric measurements and artificial neural network;

DOI:10.1615/JPorMedia.2022041438.

#### **2022:** Chapter:

Ramzi Lazhar, Walaeddine Maaoui, Mustapha Najjari. Salt crystallization and desalination by combining wicking and evaporation of a NaCl solution in fired clay brick". accepted for publication as "book chapter" in the Proceedings of 3rd Conference of the Arabian Journal of Geosciences (CAJG-3) 2020 Springer, Germany. Advances in Science, Technology & Innovation (ASTI)

### Skills

Matlab, Artificial Intelligence, Artificial Neural Network, Inverse problem.

### Education :

#### ➤ Faculty of Sciences Gabes, Physics Department:

- 2021-2022: 3rd year PhD in Physics
- 2020-2021: 2nd year PhD in Physics
- 2019-2020: 1st year PhD in Physics

#### ✓ Master of Science Degree in Physics of Materials and Nanomaterials

- 2018-2019: M2 in Physics of materials and nanomaterials (S1 Average: 12.26 Research Memory Average: 16.5)
- 2017-2018: M1 in Physics of materials and nanomaterials. (Average 10.57)

#### ✓ Bachelor of Science Degree in Physics

- 2016-2017: L3 in Physics (Average 10.51)
- 2015-2016: L2 in Physics (Average 11.06))

#### ➤ ISSAT Gabes, preparatory cycle for engineering studies

- 2013-2015: Entrance exam to engineering schools (Failed)
- 2012-2013: 1st year math-physics (Average 11.61)

#### ➤ Baccalaureate

#### ✓ High-School Diploma in Mathematics

- 2011-2012: Mathematical Baccalaureate (Average 13.88)