## PERSONAL INFORMATION

# Mhammed Jeddou

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## JOB APPLIED FOR

### Senior Forecaster|Software Engineer| Python, Django, DRF

## WORK EXPERIENCE

**29 Dec 2014–28 Mar 2020**

### Senior Forecaster
Department of Meteorology in Morocco, Casablanca (Morocco)

- Warning Coordination Meteorologist
- Meteorologist Developer

**11 Mar 2018–23 Mar 2018**

### Weather forecasting in mid-latitude regions
Météo-France, Toulouse (France)

- Satellite data
- NWP models
- Forecaster's tools
- General Weather Forecasts

**3 Dec 2019–7 Dec 2019**

### Satellite applications in meteorology
EUMETSAT/EAMAC), Niamey (Niger)

- Optimize the use of data from meteorological satellites.
- Increase knowledge and skills to improve forecasting.

**6 May 2017–23 Mar 2020**

### Python|Django Developer
DGMN, Casablanca (Morocco)

- Using Python and Django Framework to develop the backend of the web application, along with REST API.
- Worked with tables from PostgreSQL database with python.
- Use Django framework to build web applications.
- Create weather application using darksaky and python web.
- Build an e commerce website.

## EDUCATION AND TRAINING

**15 Sep 2011–22 Jun 2014**  Meteorological engineer
Hassania School of Public Works, Casablanca (Morocco)

**15 Sep 2009–26 Jun 2011**  The Diploma of General University Studies in Applied Mathematics (DEUG)

Ibn tofail university, Kenitra (Morocco)

| 5 Oct 2019–20 Nov 2019 | **Basic Satellite Imagery Interpretation** |
| --- | --- |
| | UCAR/COMET, P.O. Box 3000 Boulder, CO 80307 (United States) |

- Describe what visible, infrared, and water vapour channels measure
- Identify the relative heights of clouds and their thicknesses in visible, infrared, and water vapour imagery and selected RGBs
- Identify dust in visible and infrared imagery and in the dust RGB
- Differentiate land and water surface features in visible and infrared imagery and selected RGBs
- Identify whether a given image is from the water vapour, infrared or visible channel
- Briefly describe what RGBs are and their usefulness in highlighting specific features
- Identify features in selected RGBs
- Briefly describe what derived products are and how they can be useful

## PERSONAL SKILLS

**Mother tongue(s)**    Arabic

**Foreign language(s)**

| | UNDERSTANDING | | SPEAKING | | WRITING |
| --- | --- | --- | --- | --- | --- |
| | Listening | Reading | Spoken interaction | Spoken production | |
| French | C2 | C2 | C2 | C2 | C2 |
| English | B2 | | B2 | B2 | B2 |

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages - Self-assessment grid

**Communication skills** · Team work: I have worked in various types of teams.

- Intercultural skills: I am experienced at working in a European dimension such as being a rapporteur at the Eumetsat.

## ENGINEERING TECHNOLOGY

**Technical Skills** · **Programming Languages -** C,Java,Python

- **Frameworks -** Django, Flask
- **Web Technologies -** HTML5 CSS PHP JAVA SCRIPT
- **Python Libraries -** Numpy, Matplotlib, Pandas, Bottle
- **Algorithms -** Linear Regression, Logistic Regression, Decision Tree,SVM,KNN, K -Means
- **Tools and Software -** Pycharm, Sublime Text, ...
- Database - PostgreSQL..
- **Big Data Ecosystems -** HDFS, MapReduce,PIG,HBase, Zookeeper,Hive,Sqoop,Oozie and flume
- **Operating Systems -** Windows,CentOS, Derbian, Ubunto, Fedora