



# NOURA NAJMI

Hydro-Informatician

I am a hydro-informatician with experience in research projects. I am constantly seeking new exciting interdisciplinary projects related to the water domain.

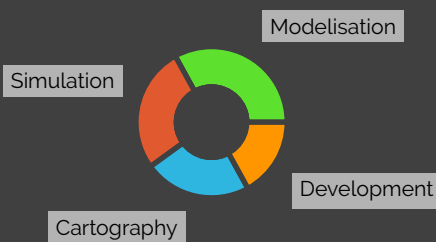
## PERSONAL

### Data

Born 22/05/1997  
Sex Female  
Location Casablanca, Maroc

## SKILLS

### Skill Domains



### Languages

French B2  
English A2

## SPECIALITY

### Water and Environment

Hydraulics  
Hydrogeology  
Hydrology  
Remote Sensing  
Geotechnical  
Sanitation  
Urban  
Water Analysis and Treatment  
GIS

## IT

### Software Programs



### Operating system

Windows

### Programming Languages

Matlab  
Langage C

## PROJECTS

- 2022 **Final Year Project (Internship)**  
INRH · National Institute of Fisheries Research  
Bidimensional Hydrodynamic Modeling of Free Surface Flow : Application in El Oualidia, Morocco.
- 2021 **Urban Sanitation Project**  
IBN TOFAL UNIVERSITY, KENITRA · Faculty of Sciences  
Sanitation of the Bab Berred area.
- 2021 **Space Remote Sensing Project**  
IBN TOFAL UNIVERSITY, KENITRA · Faculty of Sciences  
Mapping of flooded areas using Sentinel-1 data and a simple technique : combining pre-flood and during-flood images.
- 2021 **Hydrological Modeling Project**  
IBN TOFAL UNIVERSITY, KENITRA · Faculty of Sciences  
Hydraulic Simulation of Oued Taregha.
- 2019 **Final Year Project**  
UHIIC · Faculty of Sciences Ben M'sick  
Molecular Mechanics Modeling of Graphene Structures.
- 2019 **Entrepreneurship Project**  
UHIIC · Faculty of Sciences Ben M'sick  
Development of a human safety product : "iProtection" gas leak detector.

## DEGREES

- 2023 **Specialized Master's Degree (MS)**  
IBN TOFAL UNIVERSITY, KENITRA · Faculty of Sciences  
Specialization: Hydroinformatics and Hydrosystem Management
- 2019 **Bachelor's Degree (BS)**  
HASSAN II UNIVERSITY, CASABLANCA · FSBM  
Major : Material Physics | Track: Energy Mechanics
- 2015 **High School Diploma**  
HIGH SCHOOL · Ibnou Zaidone  
Track : Experimental Sciences | Option : Physics

## SOFTWARE

For my projects in hydraulic system modeling and cartography, I regularly use simulation software such as Mike by DHI, ArcGIS, and HEC-RAS.

## PROGRAMMING

Currently, I am working in real-time using MATLAB as a development tool for everything related to the field of hydrology and hydrogeology.

## ACTIVITIES



Tutorial



Booking



Brain Games



Sport

One of the main activities I engage in is browsing the internet to search for new information in my field of study, as well as practicing various tutorials that interest me.