



YOUSSEF ARHRIB

GEOSPATIAL SOFTWARE ENGINEER

PERSONAL PROFILE

As a geographic information system (GIS) engineer. I am Passionate about using new technologies to solve problems that have a spatial aspects.

CONTACT DETAILS



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Portfolio

EXTRACURRICULAR ACTIVITIES

- Graphic Designer
Faculty of Science and Technology.
Club geoinformation. 09/2018 –09/2020.

SOFT SKILLS

- Problem solving.
- Sense of responsibility
- Data analysis
- Curiosity.
- Team spirit.

LINGUISTIC SKILLS

- Mother tongue(s): ARABIC
- Other language(s): FRENCH (C1) -
ENGLISH (B2)
B1 and B2: independent user;
C1 and C2: experienced user;

CENTER OF INTEREST

- Camping
- Hand-Ball.
- Reading Books

EDUCATION

- 09/2018 – 10/2021– Tangier
Geospatial software engineer – Faculty of Science and Technology (FST).
- 09/2016 - 06/2018 - Tangier
Scientific and technical university diploma - FST.
- 09/2014 - 06/2016 - Benslimane
Baccalaureate - Mathematical Science(A) - Hassan II

WORK EXPERIENCE

- 01/2024– 04/2025– Louvres (SARLSTER)
- Technical Proposal Assistant

Ensured all technical documents met client requirements and industry standards for quality and compliance.

- 06/2023– 11/2023– Rabat(Freelance)
- GIS Web Developer

Creation of a webmapping platform for real estate management
Tools used: Geodjango, React, Postgresql,Leaflet...

- 10/2022– 05/2023– Temara(Artop)
- GIS Web Developer

Modeling and development of a WEB-GIS platform for BI business management and mapping in ouarzazate .

Point cloud segmentation.

Tools used: Python, Streamlit, Postgresql, Open3d, Geopandas...

- 03/2022– 08/2022– Léon, Spain(Université Léon)
- Spatial data scientist

An online system based on sentinel 2 imagery to detect and monitor forest health in poplar plantations.

Tools used: Python, Greppo, Google Earth Engine...

- 03/2021 – 12/2021 – Fès (Geo Lambert)
- GIS Web Developer

Design and production of a webmapping platform for the dematerialization of urban planning documents.

Tools used: Angular, OpenLayers , Postgresql, Geodjango...

- 07/2020– 09/2020 – Tanger (AGENIUM INFORMATIQUE ET SYSTÈMES)
- GIS Web Developer

Development of an intra-city carpooling system.

Tools used : Angular, Ionic 4, Leaflet, Firebase...

- 07/2019 – 08/2019 – Benslimane, Maroc, (Topo Said)
- assistant cartographic engineer

Diagram studies on plans and maps.

DIGITAL SKILLS

- **Programming language:** JAVASCRIPT ES5, Python3, SQL.
- **Web Frameworks :** React js, GeoDjango, Greppo.
- **SGBD :** PostgreSQL/PostGIS, Mysql.
- **Webmapping Frameworks :** Openlayers, Geoserver, Turf.
- **Remote sensing tools :** Qgis, Google Earth Engine, Open Drone Map.
- **Machine Learning Frameworks:** Tensorflow
- **Version Control :** Git

PORTFOLIO PROJECTS

- Display and analyze GIS data on the web with **Leaflet** and **Turf** (ecological sites in Tangier).
- Development of a Python plugin for **Qgis** to manage derogated projects.
- Modeling and development of a platform to visualize Tangier's urban transport networks.