Mohamed Dhia TURKI

Remote Sensing & GIS Specialist

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🢔 turkim1.github.io/AboutMe

📍 Vannes, France

EXPERIENCE

Junior Researcher
Salzburg Research, *Austria*
05/2023 - 08/2023

- Designed and implemented a trajectory similarity algorithm to identify trajectories generated by the same objects but sampled from different sources.

Geographic Information System Specialist
DSS COMPANY, *Tunisia*
10/2021 - 01/2022

- Digitized and updated municipal cadastral GIS database of the city of Sfax.
- Produced standard end products, conducted quality control checks, and recommended new technologies for improved efficiency and accuracy.

Geographic Information Systems Analyst
TRE ALTAMIRA, *Spain*
02/2021 - 07/2021

- Improved landslide data analysis by streamlining SAR data selection through an optimized GIS workflow. Achieved more accurate results by developing customized Python scripts for radar visibility mapping.
- Enabled better decision-making with a user-friendly web-based cartography solution for SAR data presentation.

Geographic Information Systems Analyst
GeoAdat Kft., *Hungary*
06/2020 - 07/2020

- Evaluated automated algorithm for mowing date detection using Sentinel-2 imagery.
- Contributed insights and recommendations for algorithm refinement and precision agriculture improvement.

Research Assistant
AGH University of Science and Technology, *Poland*
06/2019 - 07/2019

- Evaluated the development of meadows in urban parks using photogrammetric techniques.
- Worked closely with a team of experts on hyperspectral solutions for crop health monitoring.

Geotechnical Engineer
GEOCONSEIL Soil Laboratory, *Tunisia*
02/2018 - 05/2018

- Provided insights and recommendations for mall of Sfax design and construction, addressing site conditions and critical factors.
- Utilized geotechnical techniques to calculate and simulate foundation systems and retaining walls for construction projects.

SUMMARY

GIS Consultant with 1 year of experience in spatial analysis and data visualization. Proficient in GIS Software, and Statistical Analysis. Demonstrated expertise in developing and implementing GIS projects. Skilled in coding, spatial analysis, and data visualization.

Studying for a master's degree in Geoinformatics, I'm constantly interested in learning more about the art of remote sensing and GIS. Coming from a geosciences background, I have developed a comprehensive skillset to better understand and analyze geospatial information and get the most out of different types of data Active in my community and in my academic environment, I have been able to grow my interpersonal skills by working closely with various people with different skillsets and backgrounds.

LANGUAGES

English	Fluent
French	Fluent
Arabic	Native
Spanish	Elementary

EDUCATION

Geoinformatics & Earth Observation
Paris Lodron Universität Salzburg, Austria
Université Bretagne Sud, France
2024

Master's degree

- Erasmus Mundus scholarship

Cartography
Eötvös Loránd University
2021

Master's degree

- 4.8 / 5 GPA
- Vice-president of Erasmus Student Network ESN ELTE

Geological and Earth Sciences/Geosciences
University of Tunis-Manar
2018

Engineering degree

- Graduated top 20% of my class
- Working with the Junior Enterprise OPTIMA