

Ayoub Gouriba GIS Specialist

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Experienced Bilingual, team-oriented GIS Specialist with 4 years of experience and a graduate certificate from COGS - NSCC. Passionate about geospatial technologies.

PROFESSIONAL EXPERIENCE

GIS Specialist - Fibre Network Planner, Hiboo Networks

Nov 2022 – present | Ottawa, Canada

- Provide technical fibre optic network design, topology layout, fibre splice plans, cable duct and routing to pre-sales and outside plant design team
- Support project workflows, data preparation, data storage, GIS modelling and analysis, development of technical project reports, proposals and scopes of work.
- Develop web applications to support marketing and pre-sales teams, providing users with interactive tools to enhance their experience and drive engagement.
- Develop models and scripts to track material consumption, rectify discrepancies in project costs, and project future material needs for construction supervisors

GIS Analyst, Circet Morocco

Jun 2020 – May 2022 | Casablanca, Morocco

- Conducted fibre network design, ensuring accuracy and adherence to industry standards.
- Assisted in the development and participated in a data quality procedure to ensure better cost management
- Worked with staff on automating production mapping needs and creating tools to allow users quick project maps creation and export
- Assisted, informed and trained operators on geographic information systems

GIS Consultant, AKKA Technologies

May 2019 – May 2020 | Casablanca, Morocco

- Created field maps and conducted geospatial analysis for FTTH networks
- Identified appropriate spatial operations for each particular need and automation of tasks using ArcGIS and Python
- Managed GIS databases to improve data accuracy and efficient data-sharing practices

LANGUAGES

Arabic | **French** (Bilingual) | **English** (Fluent)

SKILLS

Software

ArcGIS Pro 2.9, ArcGIS Online, QGIS, PostgreSQL, GeoServer, AutoCAD, ENVI

Programming

Python (ArcPy, Pandas, NumPy, Jupyter Notebooks), Javascript (Leaflet, ArcGIS API), R (ggplot2, dplyr, tidyr), SQL, VB.NET, HTML/CSS

EDUCATION

Graduate certificate in Geographic Information Systems, Centre of

Geomatic Sciences (COGS) - NSCC [🔗](#)
2022 – 2023 | Canada

As part of my graduation, I worked on a project that involved developing a web-based application using JavaScript, Leaflet, GeoServer, and PostgreSQL. The project aimed to provide personalized walking itineraries for the city of Ottawa, utilizing OpenStreetMap data to create customized maps and routes based on user preferences.

Master's degree in Space Sciences and Technologies, School of Geomatics

Sciences and Surveying Engineering [🔗](#)
2016 – 2018 | Morocco

Bachelor of Science in Land and Water Resources Management,

Abdelmalek Essaadi University [🔗](#)
2013 – 2016 | Morocco

VOLUNTEERING

Humanitarian OpenStreetMap,

Mapper / Data Quality

Jan 2020 – present

- Humanitarian action and community development through open mapping.
- Data Quality Internship (March - May 2020)