Ali Abdallah

GIS Specialist | Cartographer | Data Visualization Professional | Mapping Solutions Expert

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Nationality: Lebanese | **LinkedIn:** **Ali Abdallah** | **YouTube**: **Map Your World**

Summary

Results-driven Geographic Information System Specialist with extensive experience in GIS and hydrologic data analysis. Proven expertise in managing and interpreting both vector and raster data to create detailed hydrologic maps using ArcGIS Pro. Strong background in conducting surveys and analyzing data to support water resource management and environmental studies. Adept at collaborating with diverse stakeholders to ensure high-quality data collection and insightful analysis, contributing valuable information for policy-making and development initiatives. Seeking to work in an environment that fosters intellectual, professional, and personal growth, where I can leverage my strong experience and expertise to significantly contribute to the success of the team and organization.

Experience

Geographic Information System Specialist – 10/2021 to Present
The Lebanese Center for Water and Environment · Freelance, Beirut, Lebanon

- Manage and interpret both raster and vector data to create detailed hydrologic maps that facilitate understanding of water resources and environmental conditions.
- Conduct thorough hydrologic mapping and data analysis to support effective water resource management and contribute to comprehensive environmental studies.
- Employ advanced GIS techniques to analyze hydrologic datasets, producing insightful visualizations that aid in decision-making processes for stakeholders.
- Leverage cutting-edge geospatial technology to provide accurate and detailed data visualizations, ensuring stakeholders have access to relevant information for planning and management.
- Collaborate with various stakeholders, including governmental and non-governmental organizations, to identify specific data needs and develop tailored GIS solutions that meet project requirements.
- Maintain and regularly update GIS databases to ensure data accuracy, accessibility, and reliability for ongoing projects and analyses.
- Prepare reports and presentations that effectively communicate findings, methodologies, and recommendations, making complex data understandable for diverse audiences.
- Stay informed about the latest trends and advancements in GIS technologies to continuously enhance analytical capabilities and improve methodologies used in projects.

Cartographer – 07/2024 to 10/2024
Quality Standards for Information Technology - QSIT, Cairo, Egypt

- Designed vector maps using ArcGIS Pro, ensuring high-quality visual representation that effectively communicated geographic information and data insights
- Developed print templates that enhanced the usability of maps, allowing users to easily interpret and navigate the information presented
- Applied advanced symbolization techniques and created map labels in both English and Arabic, ensuring accessibility and understanding for diverse audiences
- Conducted thorough quality checks to ensure accuracy and consistency in mapping data, identifying and correcting discrepancies to maintain high standards of cartographic integrity
- Collaborated closely with team members to gather and integrate geographic information, facilitating a comprehensive understanding of project requirements and objectives
- Produced detailed documentation of mapping processes and methodologies, providing clear guidelines and references for future projects and team members
- Presented completed maps and visualizations to stakeholders for feedback and approval, actively incorporating their insights to refine and enhance the final products

Team Supervisor – 02/2023 to 10/2023

Central Administration of Statistics, Hadath, Lebanon

- Oversaw key aspects of the MICS project, including data collection, quality control, and team management
- Ensured accurate and reliable data collection by implementing stringent quality control measures.
- Effectively managed the survey team, providing guidance and support to ensure successful project execution
- Coordinated training sessions for team members to enhance data collection techniques and improve overall performance
- Monitored data collection processes to identify and resolve any issues that arose during the project
- Collaborated with stakeholders to analyze project insights and provide recommendations for policy-making and development programs
- Contributed to the preparation of reports summarizing findings from the MICS project

Field Interviewer – 12/2017 to 02/2019
Central Administration of Statistics, Hadath, Lebanon

- Conducted surveys and collected data to assess household living conditions across Lebanon
- Analyzed various aspects of households, including housing conditions, access to utilities, and socio-economic factors
- Collaborated with team members to ensure effective data collection and accurate survey administration
- Developed and implemented strategies to enhance the quality and reliability of data gathered during the surveys
- Monitored fieldwork activities to ensure compliance with established protocols and standards
- Compiled and presented findings to stakeholders to provide insights into the living standards and well-being of households
- Contributed to the preparation of reports that informed policy-making and development programs aimed at improving living conditions

Salesman – 2014 to 2015
Al Nour Jewelry, Beirut, Lebanon

Education

Master's in Physical Geography (MSc) – 2022
Lebanese University (LU), Beirut, Lebanon

Bachelor's Degree in Geography Planning and Organization of Geographical Space – 09/2018
Lebanese University (LU), Beirut, Lebanon

TS1 in Hotel Management – 2014
Bir Hassan Institution, Beirut, Lebanon

Skills & Expertise

- Cartography
- Data Collection
- Geographic Information Systems (GIS)
- Map Design and Labeling
- Vector and Raster Mapping
- ArcGIS Pro
- Field Surveying
- Team Leadership
- Quality Control
- Data Analysis
- Google Earth Engine
- Microsoft Office

- Survey Administration
- Project Management
- Communication Skills
- Technical Documentation
- Problem Solving
- Training and Development
- Attention to Detail
- Statistical Analysis
- Presentation Skills
- Remote Sensing
- ArcMap, Blender, Model Builder

Languages

Arabic: Native | **English:** Intermediate| **French:** Intermediate