

Ammar Ahmed El-Sayed GIS specialist

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📍 El Shorouk City, Cairo, Egypt

📅 1999/03/13

🚩 Egyptian

👤 Married

🛡 Exemption

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EDUCATION

Bachelor's degree in Geographic Information Systems (GIS)
Helwan University

2017/09 – 2021/07 | Cairo, Egypt

WORK EXPERIENCE

Surveying and GIS Engineer
Manar Engineering Consultations

2024/10 – present | Cairo, Egypt

Project: Land and Property Licensing, Regularization, and Consolidation, Al-Qassim

Role and Responsibilities:

- Preparing cadastral surveys using AutoCAD.
- Performing data fragmentation and merging operations using both AutoCAD and GIS
- Uploading cadastral surveys to the "Baladi" platform following established procedures to facilitate access to survey data by relevant authorities.
- Using Google Earth Pro to locate and verify land parcel positions.

Technologies and Tools

- Arc Pro - AutoCAD -Google Earth Pro-Excel

GIS Specialist

2023/11 – 2024/10

Quality Standards for Information Technology - QSIT

Saudi Electricity Company project

Description: Strengthening and expanding the electrical network in the Kingdom of Saudi Arabia (Al Jubail City - Qarayat Al Ulya - As Suairah - Hafar Al Batin - As Saffaniyah) using Geographic Information Systems (GIS)

Role and Responsibilities

- Drawing and updating maps of low and medium voltage lines
- Entering and updating geographic data related to the electrical network
- Reviewing data to ensure its accuracy and validity

Technologies and Tools

- Arc Map – Arc Pro - AutoCAD - Excel

Diriyah Project - Saudi Arabia

Description:The project involved designing and managing modern infrastructure networks to support the development of the historic Diriyah area. It included water networks, stormwater networks, electrical networks, and stormwater drainage systems.

Role and Responsibilities:

- Cleaned and prepared network data and drawings using AutoCAD.
- Converted data and drawings to GIS to ensure accuracy and integration across various network systems.
- Accurately mapped infrastructure networks using Geographic Information Systems (GIS).
- Input and updated data for each network to enhance operational efficiency and maintenance.
- Performed geometric corrections on drawings using Topology and Data Reviewer tools to ensure data quality and adherence to engineering standards.

Technologies and Tools

- Arc Map – Arc Pro - AutoCAD - Excel

GIS Specialist

2023/06 – 2023/11

Farsi-Geotech

General Authority of Civil Aviation, King Abdul-Aziz International Airport development project

Roles and Responsibilities

- Converting files from AutoCAD to ArcMap to unify data in a single system
- Modifying and correcting geographic drawings to ensure compliance with technical specifications
- Entering and updating geographic data related to electrical networks.
- Reviewing data to ensure its accuracy and validity

Technologies and Tools

- Arc Map - AutoCAD - Excel

Data Labeling Specialist

2023/01 – 2023/06

Micro Engineering Tech Inc.

Cruise's autonomous driving project

Description : Cruise's autonomous driving project aims to develop self-driving car technologies. The company designs and tests advanced autonomous control systems that enable vehicles to drive without human intervention. The project includes testing on public roads to enhance vehicle performance, safety, and efficiency in transportation.

Role and Responsibilities

- Classified and labeled data accurately according to project requirements.
- Utilized data labeling tools and effectively analyzed results.
- Improved processes and suggested enhancements to maximize data utilization

Gis specialist

2022/10 – 2022/12

Estate Registration Project

Description: A project aimed at accurately mapping and registering property ownership for the real estate registry.

Role and Responsibilities

- Created and updated maps detailing the property holdings of individual property owners.
- Entered property-related data into the registry system to ensure comprehensive records.
- Verified the accuracy of property data and ensured it met project standards.

Technologies and Tools

- Arc Map – Arc Pro - AutoCAD

GIS specialist

2021 – 2022

Egyptian Kuwait company for Gis

Saudi Electricity Company project

Description: Strengthening and expanding the electrical network in the Kingdom of Saudi Arabia (El Baha – sabt elgara – Al qunfudah – El barak) using Geographic Information Systems (GIS)

Role and Responsibilities

- Entered and updated data for electrical assets, including meters, poles, and transformers.
- Ensured the accuracy and validity of geographic data related to the electrical network.

Technologies and Tools

- Arc Map - Excel

SKILLS

Arc GIS.	Arc GIS Pro
QGIS	Auto Cad
Electricity networks.	Digitizing Base map
Topology Rule.	Data Reviewer
Microsoft office (word, excel & ppt).	Adobe Photoshop
Adobe Illustrator	

COURSES

**Fundamental Geographic Information System Training,
Language Center for Specific Purposes, Helwan University**

**Advanced Geographic Information System Training
Language Center for Specific Purposes, Helwan University**

**AutoCAD
Platform Training Solutions**

**Data Analysis
Egypt fwd Udacity**

**Adobe Photoshop Course
Nour Design (Online Course)**

LANGUAGES

Arabic Mother tongue.	English: Good
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