

Kareem Hassan Badr

GIS SPECIALIST

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LinkedIn - github

SUMMARY

I have strong expertise in creating, analyzing, and reviewing geospatial databases, as well as in the interpretation of satellite imagery.

I am highly committed to delivering projects with outstanding quality and efficiency, [as demonstrated in my previous competitions](#), which were completed with exceptional accuracy and dedication.

EDUCATION

Menoufia University

Faculty of Arts , Department of Geomatics

- Bachelor's
 - GIS , Remote Sensing, Surveying
 - GPA: 3.25/4.00

09/2021 – 06/2025

EXPERIENCE

- Worked remotely as a Freelance GIS Specialist with AJC Company on a project digitizing and geodatabase creation. 2024 –Dec
- Participated in a competition organized by Menoufia University with a project titled "Topographic Survey and Service Planning in Bakhati Village", and won third place at the university level. 2025 – Apr
- Participated in the "New Beginning" initiative to enhance education quality, under NAQAAE and the Prime Minister's Office. May - 2025

GRADUATION PROJECT EXPERIENCE

- Graduation project 1:
Using Geographic Information Systems (GIS) to Study the Impact of Natural and Human Factors on Agricultural Crops in Shebin El-Kom.
- Graduation project 2:
Used remote sensing to detect changes in ice cover areas in Amadiya City, Iraq, and studied the climatic factors contributing to ice melting.
- Graduation project 3:
Topographic Survey of Wadi Al-Shallal – Marsa Matrouh.

PLATFORMS

- ArcGIS (ArcDesktop , ArcGIS Pro , ArcGIS Online)
- QGIS
- AutoDesk (AutoCAD)

- SAS Planet
- Google Earth Pro
- Global Mapper
- Java Open Street Map (JOSM)
- Adobe Photoshop
- Microsoft Office (Excel, PowerPoint, Word)

CERTIFICATES

- Introduction to GIS – Menoufia University. (2022)
- Surveying training - Egyptian General Survey Authority. (2022)
- Digitizing in GIS – Menoufia University. (2022)
- ArcGIS Pro Basics – Esri. (2023)
- ArcGIS Pro from the beginning to the professional – Geostepsacademy. (2023)
- GIS, Survey training - Academix Company. (2023)
- Spatial Analysis With ArcGIS Pro – Udemy. (2023)
- Editing and Database – Menoufia University. (2023)
- GIS Basics – Esri. (2024)
- Introduction to GIS mapping – University of Toronto. (2024)
- Geospatial Analysis With ArcGIS – University of California – Davis. (2024)
- Python for Everyone – Esri. (2024)
- Workshop On GIS and Remote Sensing Applications in Climate and Agriculture Climate Change Information Center and Expert Systems. (2024)
- Training of GIS , Remote Sensing – Geomatics Professional Company. (2024)
- Deep Learning Using ArcGIS Pro – Esri. (2025)
- ArcGIS Online Basics – Esri. (2025)
- Creating and Sharing GIS Content Using ArcGIS Online – Esri. (2025)
- Sharing Maps and Layers with ArcGIS Online – Esri. (2025)
- Location-Enabling Data – Esri. (2025)
- Creating and Sharing Animation in ArcGIS Pro – Esri. (2025)
- Spatial Analysis and Satellite Imagery in a GIS – University of Toronto. (2025)
- Achieved distinction and won in the Applied Projects Competition – Menoufia University. (2025)
- Actively and distinctively contributed to the topographic surveying and service planning project – Faculty of Arts. (2025)
- Participated in the "New Beginning" initiative to enhance education quality, under NAQAAE and the Prime Minister's Office. (2025)
- Learn QGIS from the beginning. (2025)

LANGUAGES

- Arabic: Native
- English: Good