

# Kareem Hassan Badr

## GIS SPECIALIST

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PORTFOLIO

## SUMMARY

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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

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Menoufia University

Faculty of Arts , Department of Geomatics

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

09/2021 – 06/2025

## EXPERIENCE

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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 for education quality, under the auspices of the Prime Minister and the National Authority for Quality Assurance and Accreditation of Education (NAQAAE).

2025 - May

## GRADUATION PROJECT EXPERIENCE

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- 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

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- 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

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- 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)
- Attended a training workshop titled "New Beginning for Quality Assurance and Accreditation of Education", organized under the auspices of the Prime Minister's Office and the National Authority for Quality Assurance and Accreditation of Education (NAQAEE). (2025)
- Learn QGIS from the beginning. (2025)

## LANGUAGES

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- Arabic: Native
- English: Good