

# Ashraf Ayman Abdulmageed

Email: ashrafayman219@gmail.com

Portfolio: <https://ashrafayman219.github.io/GIS-PORTFOLIO/>

LinkedIn: <https://www.linkedin.com/in/ashraf-ayman/>  
+20 1014311398

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## EDUCATION

### 5 Months Intensive Training Program of GIS and Web Development

Information Technology Institute [ITI], Smart Village, 2022

- Final Project: "Business Solutions Web App," co-authored with Ahmed Ashraf, Ahmed Mesbah, and Shady Mamdouh. Created web application for analyze spatial data with time series analysis, to achieve business owner's criteria with innovative GIS-based solutions using ArcGIS Enterprise (Online-Portal-Server), ESRI APIs and Web Development technologies.

### Bachelor of Arts, Department of Surveying, Remote Sensing & GIS

Mansoura University, 2021

- Graduation Project: "Simulation Model of the Faculty of Arts," using ArcGIS Pro, Excellent Grade
- GPA: 3.7
- Rank 2 on my faculty batch

### Evening Digital Egypt Youth Program, Front-End Web Development track

National Telecommunication Institute [NTI], 2023

- Top skills learned: Bootstrap, jQuery and JavaScript

## SKILLS

<b>GIS Software/Web:</b>	ArcGIS API for JS, ArcGIS Enterprise [Server, Portal, Online], ArcGIS Pro, ArcGIS 10.3 - 10.8.1, M.App Enterprise, Geoserver, QGIS, Leaflet, PostgreSQL, Open Layers, PostGIS, Mapbox
<b>Programming:</b>	Python, JavaScript (Intermediate, focus on ArcGIS API for JS), OOP, ASP.NET Core, MS SQL Server, SQL (Beginner), HTML/CSS
<b>Remote Sensing Software:</b>	ERDAS Imagine, ENVI

## PROFESSIONAL EXPERIENCE

**2023 – present**      **GIS Developer**, Gulf Terminal, Mansoura, Egypt.

- Created esri-Library (APIs) based on ArcGIS Maps SDK for JavaScript for building GIS web apps and spatial analysis applications for 2D and 3D visualization.
- Designs, develops, and maintains software using ESRI software suite as well as programming tools.
- Developed programming specifications for assigned tasks.
- Gained possess strong knowledge of database concepts and RDBMS like Microsoft SQL Server, PostgreSQL, etc.
- Performs database design modifications.
- Tests system and confers with Project Managers to assure satisfaction.
- Created program source code; performs standardized validation tests; and debugs code when issues are identified.

**2023 – present**      **Remote Sensing Data Reviewer**, Applied Innovation Center (AIC), Cairo, Egypt.

**2022 – 2023**      **GIS Web Developer**, Edge Pro for Information Systems, Cairo, Egypt.

**2022**      **GIS Technician**, Edge Pro for Information Systems, Cairo, Egypt.

## ACADEMIC HONORS

**2021**      Bachelor's degree in GIS and Remote Sensing Honours form Mansoura University, 2021.

## PERSONAL INFORMATION

**Birthdate:** April. 1st, 1999

**Military Status:** Exempted

Thank you for your time.

I would love to hear from you if you are at all further interested in my work.

References available upon request.