Ashraf Ayman Abdulmageed

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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

GIS Software/Web:	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
Programming:	Python, JavaScript (Intermediate, focus on ArcGIS API for JS), OOP, ASP.NET Core, MS SQL Server, SQL (Beginner), HTML/CSS
Remote Sensing Software:	ERDAS Imagine, ENVI

ACADEMIC HONORS

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

EVENTS

- I attended Esri Saudi Arabia User Conference Day (23 Jan 2024).

PROFESSIONAL EXPERIENCE

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

- o 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.
- o Designs, develops, and maintains software using ESRI software suite as well as programming tools.
- o Developed programming specifications for assigned tasks.
- o Gained possess strong knowledge of database concepts and RDBMS like Microsoft SQL Server, PostgreSQL, etc.
- o Performs database design modifications.
- o Tests system and confers with Project Managers to assure satisfaction.
- o Created program source code; performs standardized validation tests; and debugs code when issues are identified.

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

- o Developed and implemented customized client solutions and Create GIS demos for Clients.
- o Familiar with ArcGIS API for JavaScript, Esri Technologies, JavaScript, Python and SQL.
- o Participated in a GIS and RS project to be presented at COP 27, Sharm Elsheikh 2022.
- o Familiar with ArcSDE, RDBMS, ArcGIS Sever, SQL Server, PostgreSQL.
- o Familiar with Hexagon Technologies, ERDAS Imagine.
- o Cooperate and communicate with relevant external bodies.
- o Work closely with other developers and architects.

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

- o Dealing with databases for geospatial data.
- o Review GIS data for accuracy and standardize geographic data.

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

LANGUAGE SKILLS
- o Arabic   Native Language
- o English   Very Good

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.