Mohamed Ali Hussein

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Career Object

Seeking a GIS developer position in a reputable company where I can contribute to the company's development and growth and acquire new skills and relations.

Work Experience

GIS Developer - In Department Of (Enterprise Business Solution) - GIZA Systems – Present **:**

- Creating interactive Visualization Using Api js Esri
- GIS Data preparation
- Create chatbot use kore.ai

Solution Engineer - In Department Of (Enterprise) - Quality Standards for Information Technologies – (10-2022 To -10-2023)**:**

- Working in Enterprise Unit, focus in deployments & configuration of Esri core technologies
- Building App use Arc GIS App Studio
- Create VR and AR use Unity Platform Esri
- Create Utility Network
- Assist professional services department in creating proposed Developed Solutions
- Create Scenario use ArcGIS Urban
- Integration BIM & GIS
- Publish BIM model on portal
- Create 3D model use City Engine and configure 360VR Esri
- Create Application Use ArcGIS AppStudio
- Create Application use Augeo An Augmented Reality mobile app for your GIS data

technical support for many different ideas proposed - by the
company **Quality Standards for Information Technologies** - **In Department Of (Data Unit)**
including: (12-2021 To 10-2022)

- CITY GML (3D)
- Share the data on cesium
- Publish The Data on Portal

GIS Application Developer – TransformologyXR (Remotely)- UK (5-2022 to 11-2022)
- Creating interactive Visualization Using ApI js Esri
- GIS Data preparation
- Research and Development in ArcGIS and Smart City Application

Egyptian Electricity Holding Company (EEHC) (10-2020 To 12-2021)
Data Conversion Specialist & QC - In Department Of (Data Unit) - Quality Standards for Information Technologies

The objectives of "EEHC" Project are Build an Integrated Information system for some DCCs around republic, The first lot of project contains 5 DCCs. The following activities is being performed during the project:
- Analysing and reviewing acquired ABs.
- Identifying proper source of attribute such as Material Transmittal Submittal (MTS), Single Line Diagram(SLD)….etc.
- Cleansing of AB Drawings.
- Mapping "identify destination feature class /field that shall host migrated objects"
- Convert AB Drawings.
- Migrating converted objects into EEHC unified Data Model.
- Validating Migrated Data.
- Maintain Connectivity and integrity of utilities geometric network.
- Check Electric feeder manager by ArcFM.
- Create Tracking sheet.

Basemap Production for Ministry of interior Egypt (MOI).(3-2020 To 10-2020)
Data Conversion GIS Editor & Specialist In Department Of (Data Unit) - Quality Standards for Information Technologies

The objectives of "MOI" Project is Build a base map for some areas around the republic. The following activitiesis being performed during the project:
- HRS satellite images acquisition, geo-referencing and processing.
- Base map digitization from acquired satellite images.
- Data conversion for scanned maps.
- Support Network

Education

April 2021 – Aug 2021

Information Technology Institute (ITI), Ministry of Communications and Information Technology (MCIT).
Track: Geoinformatics (GIS)
Branch: Qena

SEPT.2014 – JUN.2018

BA of Arts, Faculty of Arts, Helwan University
Accumulative Grade: V. Good. Rank (fourth)
Graduation Project: The sustainable development of Matrouh Governorate
Project Grade: Excellent

Certification

➢ FME Desktop :Data Translation for AEC, LinkedIn Learning(2022)

➢ Introduction front end Developer Introduction front end Developer , Meta (2022).

➢ Introduction front end Developer Introduction Back end Developer , Meta (2022).

➢ ArcGIS Pro Essential Training , LinkedIn Learning (2022)

➢ Real-World GIS , LinkedIn Learning (2022)

➢ Learning QGIS , LinkedIn Learning (2022)

➢ InfraWorks and ArcGIS: AEC Collaboration, LinkedIn Learning (2022).

➢ Online course in Learn GIS Database From early to professional, Udemy (1/1/2021).

➢ Online course in Database Fundamentals, Mahara-Tech (2020)

➢ Font-End-Developer, Route (1/8/2020 to 1/12/2020)

➢ Online course in Python programming basics, Mahara-Tech (2020).

➢ GIS Developer Engineer Diploma, P-community (2020)

➢ A training course at Geographic Information System Advanced Analysis (6/2017).

➢ A training course in surface programs (AutoCAD – Civil3D), African cent for surface services (20/1/2017 to 20/2/2017).

➢ A training course at Geographies Information Systems using Arc GIS Desktop 10 & Google Earth pro program (8/2016)

Skills

o Technical Skills
- HTML5, CSS3, Bootstrap
- JavaScript, API
- QGIS
- Esri Packages (ArcGIS for Desktop)
- ArcPro
- City Engine
- ArcFM
- Geo-Server Arc GIS
- SQL server, Postgres
- AutoCAD
- Erdas
- Leaflet
- Python
- C#

- o Interpersonal Skills
  - Self-leaner.
  - The ability to work in a team and be an effective member in the team.
  - Work under pressure
- o Languages
  - Arabic
  - English

Personal Information

- Nationality: Egyptian
- Military Status: Completed

Reference

available upon request