

ABD ALLATEEF ZIAD ABD ALLATEEF AHMAD

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Personal Information

- Marital status: Married.
- Nationality: Jordanian.
- Date of Birth: September. 12, 1976.
- Place of Birth: Jordan.
- No. of Children : 4
- Driving License : Yes
- Total Experience : (24+) Years

Education

❖ **Diploma Degree / Major photogrammetry & Remote Sensing & GIS / Royal Jordanian Center / Hashemite Kingdom of Jordan.**

The Certificate were issued from the faculty of Royal Jordanian Geographic Center in 1996 (Study Period 2 Years after High School) , The following skills gained :

- GIS (Design and Implementation).
- Stereo Photogrammetry and Vector data acquisition from sensor-based Imagery.
- Remote Sensing Science and Applications (multi-spectral and Hyper-spectral satellite imagery).
- Image processing.
- Geostatistical and Geospatial Analysis.
- Field Survey
- Cartography and Map Design.
- Land Records Management and Cadastral mapping
- Environmental Spatial Applications.
- Spatial Database Design for GIS (Spatial Data Modeling)
- 3D Mapping and Analysis including 3D City Models Design and Generation.
- Public Health and Safety Geospatial Data Management and Analysis
- GIS Data Standards Design and Implementation.

Professional Experience

❖ **October 2017 – 31 March 2019 / Smart Dubai Office – Dubai Data Establishment / Dubai – United Arab Emirates**

Job Title : "Project Manager"

Dubai Data Establishment are managed by Smart Dubai Office and had been established in order to support Open Data Initiative within the emirate based on Law no (26) 2015 which aim to organize and govern exchanging and publishing Dubai Data through a single platform in order to unleash the value of the government and federal and Private sector data and enable the transformation to smart city" for more information about the establishment visit www.dubaidata.ae

Responsibilities

- It was a short term contract (1 year) , the initial objective was to enable the discovery of geospatial data and information from all government sector within the Emirate from within a single point of truth Portal (Dubaipulse Web Portal by Smart Dubai which includes the Emirate Data Store) , The main objective is to design and develop the standards and Governance required to organize such in addition to write the business requirements that need to be added to Dubaipulse in order to enable receiving such information.

- The Job had been accomplished but Due to Law (6) 2001 the role of managing and disseminating and managing geospatial data had been handed over to Dubai Municipality from Smart Dubai.

❖ **April 2012 - October 2017 / GIS Department – Dubai Municipality**

Job Title :"Principal GIS Data Analyst"

Responsibility:

- Technical Lead for Various GIS and Photogrammetry Projects The project basically includes Sensor-based Imagery to produce Ortho-rectified Imagery for GIS application usage and also digitize Vector Data from the imagery
- Writing Technical Proposals and Technical Evaluation
- Using ArcGIS Software for Geospatial Analysis and Visualization
- Using PCI & Inpho for Image processing and Ortho production and color balancing

- Trainer of ArcGIS Software's and Remote sensing and photogrammetry applications
- 3D City Models Visualization and Construction , recently I am the technical team lead for constructing Mesh-based 3D City Model for the entire emirate by applying photogrammetry SGM techniques over Nadir and Oblique imagery .
- QA/QC
- Creation of Data Standards and Data Dictionaries ○ Technical Support for higher management ○ Apply and plan for Geospatial data updates mechanisms ○ GIS Data integration with external/Internal departments and organizations for continuous data update
- GIS Data Policies
- Working with GIS software's for data management/ Data Cleaning / Spatial Data Analysis / Geoprocessing / Image analysis
- Geodatabase Modeling
- Multi-scale online Cartographic Mapping design and implementation
- Image processing and Multispectral satellite imagery analysis and data extraction using OBIA and Pixel based techniques
- Flight mission planning and technical specification and follow up
- Field Completion and Field Verification for GIS and image production projects
- Technical Team Lead for the GIS Portal project (design and Create GIS Web portal for publishing GIS information's) ○ Metadata cataloging and creation and management ○ Technical papers and Technical presentations ○ Achievements : I had been awarded multiple times for my suggestions and ideas
- Expet in using ArcGIS Products and Extensions (Server , Desktop) besides other GIS Open Source Products

❖ **April. 2011 Until April 2012 Bayanat Company – AbuDhabi - UAE**

Bayanat is a national leader in the provision of mapping, surveying and geospatial services. It aspires to further enrich its leadership position by enabling public and private organizations to streamline their operations and enhance their decision-making process through leveraging its fully integrated geospatial solutions and seamless spatial data.

Job Title : "GIS Specialist"

- ESRI Software Expert
- GIS Data Management and Map production
- Geospatial Analysis for various projects and requirements
- Geodatabase Modeling and Database management And Administration for existing spatial data

❖ **September. 1, 2008 Until April 2011 Infograph Company – Amman Jordan**

Infograph Company is a private company operates in Hashemite kingdom of Jordan and it's the only ESRI official Distributer along the country.

Job Title : "GIS Specialist / Technical Team Leader"

Responsibility:

- GIS Database Modeling
- Solution Architect
- GIS Technical Proposals
- Technical support on ESRI Software's and Extension
- GIS training
- Project management
- Account management '
- Pre-sales demos and presentations.
- System Architecture Design and Planning.
- GIS Data Management and Analysis
- SDE Administration and Tuning
- ArcGIS Server Administration and Configuration
- Software Setup and Installation
- Prepare CAD Delivery Standard Document for CAD Conversion
- Using FME Software and Data Interoperability Software for Data Conversion
- Versioning Workflow Management

- Using ArcPad via Trimble Juno/Geocollector PDA for field GIS data Collection - Using GPS Analyst for Post-processing GIS Data collected from the Field

❖ **September. 23, 2006 Until September. 1,2008 Dubai Land Department – UAE**

Job Title : "**GIS Specialist"**

Responsibility:

- Cadastral Geodatabase Model Design and Implementation
- GIS Data Management
- Cadastral Applications Project Manager
- Cadastral Applications administration
- Technical Support
- GIS Coordination's between different Departments
- GIS Data Integrations
- ArcIMS Administration and Setup
- SDE Administration
- Technical Support
- ArcGIS Server Administration and Configuration
- Business oriented ArcObjects Customization.
- CAD Conversion to ESRI GIS format
- Create CAD Delivery Standards
- Versioning Workflow Management

❖ **November. 22, 2003 – September. 23,2006 Dubai Municipality Dubai – UAE**

Job Title : "**Senior Geodatabase Designer"**

Responsibility:

- Creating different ArcGIS Data Model (Geodatabase Design).
- Data Loading (Vector, Raster) into SDE Schemas
- Handling Versioning Scenarios
- Assist in publishing data through the web using ArcIMS
- Lead teams in different projects such as (Cadastral)
- Handling Vector data for Topographic data project
- Handling raster data within SDE
- Helping operators in using ArcGIS Tools and Extensions
- Assist in publishing data through the web using ArcIMS
- Geodatabase & SDE monitoring & administrating & support
- Providing solutions for different aspects in Data & application side.
- Using ArcGIS interoperability Extension for data load, data export, and data import.

- Using ArcGIS Spatial analyst & ArcGIS 3D Analyst.
- Creating ArcGIS Data Model for topographic data Project, in addition to implement that model and load data (vector, raster) into SDE Repository and Enable editing by creating versions
- Creating simple transportation ArcGIS data model plus loading data into SDE and enable editing by creating versions
- Using ArcGIS Network analyst for Transportation analysis
- Converting Microstation format for cadastral to ESRI Format plus maintaining the attributes of Microstation features stored in SQL Server using MGE MSLINK
- Analysis Using ArcGIS software and extensions

❖ **December. 15, 2001 – November.13, 2003 MCR Company AlKhobar -Saudi Arabia.**

Job Title : "GIS Analyst"

Responsibility:

I had Worked as a GIS Analyst with this company that is a contractor for Ecology & Environment Saudi Arabia co. Ltd (MCR) and Presidency of Metrology & Environment. Which lead a project for the effects of the gulf war on the kingdom of Saudi Arabia in all sectors (shoreline, health, terrestrial, oceanographic).

- ArcObjects Customization (For Drawing and Printing Maps and Select areas and zoom to them).
- Editing tools using ArcGIS 8.x Software Tools.
- Working with all ArcGIS Extensions.
- Creating Maps.
- Creating SDE Geodatabases & participating in Database structure for the Projects listed above Using UML Visio Diagrams and ArcCatalog Case Tool.
- ESRI SDE Administration
- ESRI ArcIMS Administration
- Versioning & Geodatabase & SDE Monitoring & administration
- Field surveys for this project.
- Working with GPS & Compaq IPAQ & ArcPad software to collect the Data from the field.
- Raster data Management
- Using Geospatial analyst for creating reports and histograms and raster data analysis
- Creating Cartographic basemaps with different scale
- Design and Create symbol sets and fonts to be used for creating maps

- **December. 15, 1997 – December.15, 2001 LEMA Company Jordan**

  Job Title : "GIS Senior Technician"

  Responsibility:

  - Preparing the Geographic data (Land Parcels, Water Network, etc) in Lema Company (Water Authority of Jordan).
  - Programming using (AML).
  - I work in all (Arc/Info Products, Arc, ArcPlot, ArcEdit, Info, Librarian, and Tables).
  - Data Management & conversion
  - Vector & Raster Data analysis ○ Raster data Georferencing
  - Using ArcInfo Workstation ArcScan for Digitizing Features from Scanned images.
  - Migration from ArcINFO Workstation (Coverage) Data Model to Geodatabase Data Model
  - Solve all issues related to Data due to Migration between different Models
  - Creating Fonts and symbology using ArcInfo Workstation & ArcGIS Desktop
  - ○ Creating cartographic maps in different scale
  - ○ Create Cartographic Representation for Different scales (Generalization, simplification)
  - ○ Watershed Creation
  - Automatic Extraction of Features from DTM ○ Programmer in (Avenue) to many Applications in the field of (Arc View) I work in many applications (For sewerage Complaints, Water meters and many others) Including the Reporting System.
  - System analyses for all the applications I have done (Studying the user needs, installing the software, solving the system problems.
  - Most of (ArcView) Skills.
  - Convert data to the new technology (Geodatabase) Through (SDE) and to solve the problem that comes with this conversion and I have the ability to work with (ArcMap, ArcCatalog, and ArcToolBox) Tools.
  - Programming with Map Objects
  - Versioning
  - Geodatabase Management
  - ○ Raster data Management
  - Designing & implementing Geodatabase Model for Water and Irrigation
  - Using Geometric Network for Water & Sewerage Network analysis.

❖ **Software Courses: -**

- Introduction to (ArcInfo 7.2.1).
- Introduction to (ArcView 3.1).
- Advanced (ArcInfo 7.2.1).
- Advanced (ArcView 3.1).
- Introduction to OracleSQL and PLSQL.
- Introduction to ARCIMS.
- Introduction to (ArcInfo 8.1).
- Introduction ArcGIS 9.1
- Introduction to ArcObjects
- Data interoperability
- Introduction to ArcSDE
- Introduction to ArcGIS 9.2
- Introduction to ArcGIS Server 9.2
- System Archticture Design and Strategy
- Working with ecognition
- ArcGIS Desktop 10.2

Other Software Skills: -

- Knowledge of Widows 95 And Windows 98 And Windows
- Professional
  2000 Using UNIX
  System.
- ERDAS
- Safe Software (FME)
- Knowledge in Microstation
- Knowledge in AUTOCAD
- Geodatabase Management
- Working with ArcFmUT.
- ArcIMS and ArcGIS Server.
- ArcPad and collector for ArcGIS
- Microsoft Project
- ArcGIS Interoperability Extension
- ArcGIS Extensions (3D Analyst, Spatial Analyst, Network analyst,
- ArcSCan , Geostatistical Analyst)
- Python Scripting
- Arcobjects
- ArcGIS Server
- ArcGIS Military Analyst
- ArcGIS Survey Analyst
- ArcGIS PLTS Foundation
- INPHO/ERDASE/PCI

Database Skills (Related to ArcSDE):-

- Oracle 10g , 11g , 12g (including the spatial extension)
- SQLServer
- Postgre & PostGIS

Languages

- Arabic: - Native Speaker
- English: - Very Good command of writting & speaking English.

Hobbies

- Reading.
- Sports, especially Football.

Notes:

1. **LEMA Company is the trade name of Sues Lyonnaise Des Eaux – Montgomery Watson Arabtech Jardaneh (Jordan) LLC, Managing Amman Water & Wastewater services for the Water Authority of Jordan.**

2. **References will furnish upon request.**

3. **To call me I will be at one of the above Phone Numbers.**

4. **INFOGRAPH Company is the trade names of "Information and Graphics Systems Consultants L.L.C", The Official "ESRI" GIS Software Company Distributer in Hashemite Kingdom of Jordan.**

5. **Dubai Data Establishment is a Smart Dubai Establishment.**