

Mohammed Adil Al-Khaibari

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SUMMARY

Experienced Survey Engineer with 7 years of experience, specializing in managing and leading survey departments. Proven track record of overseeing survey projects, conducting accurate measurements, and ensuring quality control. Seeking new opportunities to apply expertise and leadership skills in a challenging role.

EXPERIENCE

Trainer & (Head of Civil Technology Department and Quality Coordinator)

General Corporation for Technical and Vocational Training

August 2021 - Present

- Training students on the basics of surveying and surveying equipment and reviewing all survey plans. Preparing general cadastral maps (level and topographic) derived from aerial photographs, remote sensing, and GPS. Design, draw and prepare maps using geographic information systems (GIS)

Lead Geomatics Engineer

Falconviz Company

April 2018 - April 2021, KAUST

- I Have the Abilities and talent to work in both Field and Office ,Some Tasks That I do in Survey ,Photogrammetry and GIS
- Survey : Collect and captures data using traditional survey (GPS ,Total Station) , Laser scanning technology (Scanning and Processing) and Nider & Oblique Drone capture (mission planning and Operate the drone).
- Photogrammetry : Process the capture data using Photogrammetry application to Produce the Basic outputs (Point cloud ,Orthophoto ,DEMs)
- GIS: Convert Surveying data to GIS, Build Contour, Spot Elevation, 3D analysis ,Design & Produce maps layouts and QC the data.

Geographic information Systems specialist

Municipality Jeddah

August 2016 - October 2018, Jeddah

- Study of electricity delivery transactions for major areas in the city of Jeddah

EDUCATION

Bachelor of Science in Geomatics

King Abdulaziz University • 2016 • 3.57/5

- Specialization: Geomatics
- Achievements: Graduated with a GPA of 3.57/5

CERTIFICATIONS

Remote pilot license (GACA Certified Drone Pilot – Part 107)

Unmanned Aircraft Systems (Operator Permit) • 2020

Project Management Professional (PMP)

online • 2019

Risk Management Professional course

Online • 2019

SKILLS

Surveying,

- Survey Control Points, using GPS System.
- Photogrammetry application.
- LiDAR imagery.
- Demonstration on Unmanned Aerial Vehicle (UAV) and mission plan.
- Demonstration on Ground Monitoring Lab (GML), A Car equipped with mobile laser scanner equipment's.
- Survey using Drone .

Photogrammetry & Remote sensing

satellite images processing & Classification and metadata.

- Images correction using ortho-rectification and shape file
 - Vertical imagery correction using Ground Control Points (GCP).
 - 3D Images Modeling
- GIS Mapping

- Digital Maps georeferencing.
- GIS layers creation and digitization tools.
- Convert Surveying data to GIS Application.
- Design & Produce maps layouts using GIS.
- ArcGIS satellite imagery georeferencing processing using ArcGIS-Arc Map
- Hyperlink Digital image & multimedia files with Geographic features.
- ArcMap Design & Produce graphs & reports by using ArcMaps
- Arc Toolbox Spatial Analysis & Query using Arc Toolbox.

Microsoft Office (Word, Excel, PowerPoint)

English Typing, Windows OS

ARC GIS, AutoCAD , Pix4d