

Bashar Alassouli

- CIVIL ENGINEER

- REMOTE SENSING SPECIALIZED

OVERALL PROFILE

Self-taught Remote Sensing expert with 15+ years of hands-on experience in satellite image analysis for mineral exploration and geospatial intelligence. Graduated in Civil Engineering (2020) with 2 years of construction experience. Proficient in ENVI, ArcGIS, QGIS, SNAP, and PCI Geomatica. Seeking remote opportunities in satellite-based mineral prospecting.

Nationality : Jordanian

Date Of Birth : 22-Sep-1993

Marital status : Single

Satellite Image Analyst

Esri corporation | Jan 2018 - present

- Analyzed satellite imagery for geospatial and environmental projects
- Created custom maps using ArcGIS Pro and ENVI

Satellite Data Analyst (Volunteer)

U.S. Geological Survey | Feb 2016 – Sep 2024

- Processed optical and SAR data for earth observation
- Developed topographic and thematic maps

Field Training Engineer

- Directorate of Public Works-Irbid | Jul 2017- Nov 2017

- Managed on-site construction and surveying Sep 2020 - Sep 2021

ACADEMIC HISTORY

Yarmouk University

Bachelor of Civil engineer | Sept 2012 - May 2020

CIVIL ENGINEER SKILLS

- Construction methods & quality control
- Project coordination
- Blueprint drafting & interpretation
- Structural analysis & dynamics
- Decision-making

REMOTE SENSING SKILLS

- ENVI, ArcGIS, QGIS, SNAP, GAMMA, ASF
- Optical & SAR satellite data analysis SNAP
- Land surveying with high-accuracy GPS
- Topographic & aerial image mapping
- High-resolution imagery analysis for detecting anomalous structures to identify ancient archaeological sites
- Hydrocarbon microseepage analysis for oil and gas exploration
- Expertise in satellite systems: ASTER, Landsat 7/8/9, Sentinel-1/2, WorldView-3, ALOS PALSAR, SIR-C

COURSES:

Courses (Self Training)

- Remote Sensing specialist By Brilliant Remote Sensing labs 2020
- ArcGIS Maps for Office Basics By Esri 2020
- ArcGIS Online Basics By Esri 2020
- ArcGIS Pro Basics By Esri 2020
- Getting Started with ArcGIS Pro By Esri 2020
- Getting Started with GIS By Esri
- GIS Basics By Esri 2020
- Python for Everyone By Esri 2020
- Introduction to Remote sensing By GEO University 2020
- An Introduction to coding basics by Google 2019
- Remote sensing science by Prof GOMAA DAWOOD 2020
- Topographic Surveying by Prof GOMAA DAWOOD 2016
- GPS application 2019
- Surveying Instruments

KEY PROJECTS :

1. Gold Exploration using Multispectral Sensors

- Extracted fault lines
- Detected Minerals
- Generated prospecting maps for Saudi Arabia , Sudan , Algeria , Mauritania
- Remote sensing science by Prof

2. Topographic Mapping

- Created high-accuracy maps using GPS and satellite imagery

PORTFOLIO

GitHub: github.com/basharalasouli1993-blip/B.M.A
(Contains reports, maps, and analysis files)

LANGUAGES

- Arabic (Native) | English (Fluent)

AVAILABLE FOR REMOTE WORK

GET IN TOUCH

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