

Ahmed Salah Osman Ali

GIS and Surveying Engineer

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Summary

Ahmed Salah Osman Ali is a skilled GIS and Surveying Engineer with a strong background in the field. I have experience working as a Research Assistant at INSTEG Institute, where contributed to a mineral exploration project and played a key role in the publication of significant findings. Ahmed demonstrated attention to detail, adherence to research protocols, and effective communication of research findings. I also owned and successfully operated a cafe in Khartoum, showcasing his entrepreneurial skills and business acumen. As a GIS and Remote Sensing Engineer at Mierag Space Technology Co. Ltd., provided technical support and gained valuable experience in the field. I holds a Master's degree in Remote Sensing & GIS from Universiti Teknologi Malaysia (UTM) and a Bachelor's degree in Surveying Engineering from the University of Khartoum. I'm seeking opportunities to apply his expertise in kuala lumpur in Either (English, math or physics) Subjects in both IG schools or Arabic international schools to contribute to the success of projects and organizations.

Phd Student

Mar 2023 - Present

Universiti Teknologi Malaysia(UTM)

Research Assistant

Mar 2023 - Dec 2023

INSTEG Institute (UTM)

- Provided valuable research assistance in a mineral exploration project at INSTEG Institute (UTM), contributing to the publication of significant findings.
- Conducted thorough literature reviews and data analysis to support the project's objectives.
- Assisted in fieldwork activities, including sample collection and data recording, ensuring accurate and reliable data for analysis.
- Collaborated with a team of researchers to analyze and interpret geological data, contributing to the project's overall success.
- Demonstrated strong attention to detail and adherence to research protocols, ensuring the validity and integrity of the project's results.
- Effectively communicated research findings through written reports and presentations.
- Actively participated in team meetings and discussions, contributing valuable insights and ideas.
- Maintained a high level of professionalism and dedication throughout the research project.

Owened business

Jan 2019 - Oct 2022

I owened a cafe in Khartoum city.

- Successfully owned and operated a business, demonstrating entrepreneurial skills and business acumen.
- Managed all aspects of the business, including operations, finances, marketing, and customer relations.
- Developed and implemented effective business strategies, resulting in increased profitability and growth and selling the business with a high profit rate.

Gis and remote sensing engineer

Jul 2017 - Dec 2021

Mierag Space Technology Co. Ltd.

Technical support

References

Dr Amin Beiranvand Pour

INSTEG researcher Remote sensing Department, Faculty of Geoinformation and Real Estate, Universiti Teknologi Malaysia. Phone No: +60177383159
beiranvand.amin80@gmail.com

TOPCON Geo-Center



TOPCON GeoClean



GARMIN Prosects



TOPCON Spatial collector



TOPCON IP-S3



TOPCON IP-S2



Mobile mapping



English Language



Arabic language



GPS



LEVELING



THEODOLITE












TOTAL STATION



RTK



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|--|---------------------|---|
| Mobile Mapping Team Lead TOPCON Mobile mapping project for Saudi Electricity Company in ahsa. | Mar 2016 - Mar 2017 | QGIS  GLOBAL MAPPER  ENVI  ERDAS IMAGINE  GIS  3D MAX  AUTO CAD  mat lab  Microsoft office  |
| Geomatics Engineer Georeference for surveying and mapping building a GIS database for ministry of agriculture. | May 2015 - Feb 2016 | |
| GIS Engineer MARCO working as the head of GIS & Surveying department part of the technical support team for tow sewage system projects in Arar and Alqasim | Feb 2015 - May 2015 | |
| lecturer Surveying Engineering Department, University of Khartoum <ul style="list-style-type: none"> Lectured on GIS 2 course for 3rd year students in the Surveying Engineering Department at the University of Khartoum. Developed and delivered engaging lectures and presentations on GIS concepts and applications. Facilitated class discussions and provided guidance to students to enhance their understanding of the subject matter. Created and administered assessments to evaluate students' knowledge and progress. Provided individualized support and feedback to students to promote their learning and academic growth. Collaborated with colleagues to develop course materials and ensure alignment with departmental objectives. Maintained a positive and inclusive learning environment that fostered student engagement and participation. Demonstrated strong communication and interpersonal skills in interacting with students and colleagues. | Sep 2014 - Dec 2014 | |
| Remote Sensing Data Analyzer Mierag Space Technology Co. Ltd. Agriculture monitoring using RapidEye satellite imagery for AL-Gazeera Scheme. | Jun 2013 - Sep 2013 | |

Education

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|---|---------------------|
| M.S.C (REMOTE SENSING & GIS) UNIVERSITI TEKNOLOGI MALAYSIA (UTM) | Feb 2013 - Jul 2014 |
| B.S.c in Surveying Engineering University of Khartoum | Oct 2007 - Dec 2012 |
| BEST POSTGRADUATE STUDENT AWARD, UTM 53rd CONVOCATION CEREMONY School of Graduate Studies Universiti Teknologi Malaysia | Oct 2014 |
| ILETS TEST Cambridge University 6.0 bands | Dec 2012 - Dec 2014 |
| Using Python in ArcGIS Desktop 10 ESRI | Nov 2014 |

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| Web Based course | |
| Getting started with GIS | Nov 2014 |
| ESRI | |
| Web Based course | |
| ArcGIS Data Interoperability Basics | Oct 2014 |
| ESRI | |
| Web Based course | |
| Basics of Geographic coordinate Systems (for ArcGIS 10) | Oct 2014 |
| ESRI | |
| Web Based course | |
| ESRI CityEngine Essentials 1: Build the Foundation | Nov 2014 |
| ESRI | |
| Web Based course | |
| ESRI CityEngine Essentials 1: Getting Started | Nov 2014 |
| ESRI | |
| Web Based course | |
| Creating and Sharing Locator Packages (for ArcGIS 10) | Oct 2014 |
| ESRI | |
| Web Based course | |
| Teaching with GIS: Introduction to Using GIS in the Classroom | Nov 2014 |
| ESRI | |
| Web Based course | |
| Field GIS: Collecting and Editing Data Using ArcPad 10 | Nov 2014 |
| ESRI | |
| Web Based course | |
| Migrating to the ArcGIS for Local Government Information Model | Nov 2014 |
| ESRI | |
| Web Based course | |
| Mobile GIS: Using the ArcGIS for iOS Application | Nov 2014 |
| ESRI | |
| Web Based course | |
| Preparing to implement ArcGIS Online | Nov 2014 |
| ESRI | |
| Web Based course | |
| Python for Everyone | Nov 2014 |
| ESRI | |
| Web Based course | |
| Editing in ArcGIS Desktop | Oct 2014 |
| ESRI | |

PROJECTS AND PUBLISHERMENTS

- Hybrid map creation for White Nile Estae, Sudan 2011-2012 (Final year project at University of Khartoum).
- Gold Exploration and Hydrothermal Alteration Zones Using Landsat 8 Data in North-Eastern Sudan 2014 (Master thesis at Universiti Teknologi Malaysia (UTM) Johor Bahru).
- Ahmed S.O Ali, Amin Beiranvand Pour (2014), Lithological mapping and hydrothermal alteration using Landsat 8 data: a case study in ariab mining district, red sea hills, Sudan, International Journal of Basic and Applied Sciences, 3 (3) (2014) 199-208.