

# CV

## Khalil Ahmed IBRAHIM

### CONTACT DETAILS

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**DOB:** October 1989  
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### TEHNIICAL SKILLS

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Information Management and GIS  
Data Analysis  
Database Administration and Development  
Software development and engineering  
Mobile data collection tools  
Advanced IT support  
Dashboards (Data Studio and PowerBI)  
Infographics (Adobe Suite)

### ROSTERS

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CANADEM Roster  
July 2020

NORCAP Roster  
Jun 2020 - present  
Information Management Expert

### PROFESSIONAL SUMMARY

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A software engineer with six years of professional experience combined in Information Management, IT and software development within the humanitarian and the private sector. Good working knowledge with ArcGIS Enterprise, ArcGIS Web apps, Ops. Dashboards, Survey123 and GIS. Passionate about technology innovation, data science and blockchain topics. Solid knowledge in software project management, programming, database administration and development.

### WORK EXPERIENCE

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11/2019 - Present  
**Information Management Associate, United Nations High Commissioner for Refugees (UNHCR), Erbil, Iraq**

Responsible mainly for:

1. IM Research and Development
  - Support the unit by researching/developing new technologies, including but not limited to AI and Data Science.
2. Software Development
  - Software project management support.
  - Assist the unit by developing desktop and/or web applications.
  - Maintenance for existing in-house solutions when needed.
3. Data Analysis
  - Assist the team by producing IM reports and delivering geo-spatial analysis (GIS) and other type of analysis based on needs.
4. General IM Support (technical):
  - Overall management of ActivityInfo reporting platform
  - Creating maps (GIS)
  - Interactive dashboards (PowerBI) and Info-graphics (Adobe suite).
  - Crafting mobile data collection forms (Kobo) and maintaining the existing ones.
  - 3RP technical support on the production and dissemination of the monthly dashboards.
  - Back to back support for refugees IM system (RAIS) and data management in SQL.
  - Capacity building on GIS, Excel and existing IM systems when needed.
  - Ad-hoc reports and provide QA/QC on data.

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10/2018 - 11/2019  
**Information Management Team Leader, United Nations Mine Action Service (UNMAS), Erbil, Iraq**

Responsible mainly for:

- Overall responsibility for the design, implementation and maintenance of the UNMAS Iraq internal information management system
- Ensure the internal information management system continuously facilitates the ability to create tasks, task dossiers and the tasking of grantees and contractors
- Provide overall quality assurance and quality control for UNMAS operations data from field contractors and in IMSMA
- Liaison with relevant partners and stakeholders including national and regional mine action authorities, NGOs, commercial

## LANGUAGES

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Arabic	Native
English	Fluent
French	Basic

## CERTIFICATIONS

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Humanitarian Information Management,  
Communications and Media  
Learning Data Science: Understanding Basics

IBM Blockchain Essentials

Data Visualization for Data Analysts

JavaScript for Experienced developers

Information Security Awareness

Introduction to Project Management

Artificial Intelligence Foundations : Machine  
Learning

Business intelligence for consultants

Body language for leaders

Strategic thinking

IELTS, TOEFL ITP

contractors, the mine action sub-cluster, UN agencies and local authorities on the level of Governorate and municipality

- Ensure the internal information management system continuously facilitates recording of all relevant data related to survey, clearance and risk education activities and the Quality Management of these data
- Develop Maps using ArcGIS (ArcMAP)
- Perform data analysis in Excel
- Oversee contractor's provision of IM service and provide monthly progress report.
- Other IM duties

06/2018- 10/2019

**ICT Assistant**, *United Nations Mine Action Service (UNMAS)*,  
Baghdad, Iraq

Responsible mainly for:

- Acting IM, providing IM support to Programme section under the direct supervision of the HoP.
- Install and maintain ICT hardware equipment and software application including installation and administration of network operating system. Provide hardware/software technical support and assistance to all end users.
- Identify problems and perform maintenance of servers, desktops, printers, scanners, external portable disks, flash drives, power supplies and other computer equipment.
- Administer IT archives, software disks, manuals, documentation, back-up tapes and IT consumable supplies for Baghdad and Erbil offices.
- Liaise with local suppliers on repair and maintenance of computer hardware/network/telecom equipment.
- Performs other ICT and/or Admin related tasks assigned by the SSO

02/2015 - 06/2018

**IT Manager**, *Al Mada Group for Media , Culture and Art*, Baghdad, Iraq

Responsible for the execution of IT/IM functions and support. This includes managing IM operations to meet customer group requirements as well as the support and maintenance of existing applications and development of new technical solutions using C# and SQL Server.

10/2015 - 11/2016

**Experienced Software Development Engineer**, *SmartPeer* , Houston,  
Texas, USA (Duty Station : Baghdad - Part-time- Homebased)

Responsible for the analysis and development of software plugins for Oil Field Manager (OFM) application developed by Schlumberger, that includes Executing the full life cycle of software development as well as testing C# code.

10/2014 - 02/2015

**ICT Site Engineer**, *Al Sadiq Group for Automotive*, Baghdad, Iraq

Responsible for performing information systems administrative procedures and provide help desk/ IT support.

06/2012 - 06/2014

**Academic Lecturer and Software Developer**, *Software Engineering Institute for Training and Development* , Mosul, Iraq

Responsible for teaching, training of postgraduate and undergraduate students and for designing, developing, installing, deploying, testing and maintenance of software systems mainly with C#

10/2009 - 10/2012

**Software Developer - Freelancer** , *CodeBird Iraq Freelancing*, Iraq

Work on large scale database and windows application development mainly in C# with SQL Server as back-end. The work conducted on hourly rate that includes managing and administrating SQL Server instances.

## VOLUNTEERING EXPERIENCE

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**Communications and Social Media Officer**,  
SOUTUNA NGO (powered by NED),  
01/ 2016 - 04/ 2018

**IT**, Arab Human Rights Academy (AHRA),  
05/2016- 04/2018

**Software Developer**, Thalassema Centre,  
02/2014 - 04/2014

## EDUCATION

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2011 - 2013

Master's Degree in Software Engineering, University of Mosul  
Total GPA **90.3%** , First on the class

2007 - 2011

Bachelor's Degree in Software Engineering , University of Mosul  
Total GPA **86.6%** , Second on the class

## PUBLICATIONS

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**Constructing an Add-In Tool for Enterprise Architect v7.5 To Measure the Quality of Object Oriented Design (Class Diagram)**  
International Journal of Computer Science and Information Security (IJCSIS), Vol. 13 No. 7, July, ISSN 1947-5500, 2015

**Existing Object Oriented Design Metrics a Study and a Comparison**, Al-Rafidain Journal of Computer Science & Mathematics January 7, Vol. 10, No. 1, 2013

## REFERENCES

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Awat Salih - Associate Information Management Officer - UNHCR  
([salihaw@unhcr.org](mailto:salihaw@unhcr.org))

Gregory ROBIN - Ops/QA Technical Advisor - UNOPS  
([gregoryrobin@unops.org](mailto:gregoryrobin@unops.org))

Farakh Saeed - Information Management Officer - UNMAS  
([FarakhS@unops.org](mailto:FarakhS@unops.org))

Humam Al OBAIDI - Marketing and Sales Director - Al Mada Group  
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