

# Mahmoud Yaser Khalil

## Personal Information

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**Profession:** B.Sc. in Civil & Environmental Engineering, Faculty of Engineering - University of Sharjah- UAE.

**Current Work:** Trainee at AIMS Group, Ajman, UAE.

**Current Studies:** M.Sc. in Civil & Environmental Engineering, Faculty of Engineering - University of Sharjah- UAE.

**Graduation Date:** Spring 2018.

**Academic Standing:** Very Good.

**Senior Project:** Design of a Road that connects **Al-Dhaid - Al-Manama** and winning **3rd place in Senior Design Competition**, May 2018, University of Sharjah.

**D.O.B:** 12/04/1996

**Nationality:** Egyptian

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**Mobile:** [+971561199645](tel:+971561199645)

**Home Phone:** [06-7424898](tel:06-7424898)

**Type of Visa:** Resident Visa

**Driving License:** UAE D.L. valid till 2022



## Objective

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Looking for a promising opportunity in **Transportation, Roads & GIS projects** within a well reputed and ambition firm where my qualifications, interpersonal skills and personal values could contribute positively to achieve its goals and objectives.

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## Professional Highlights

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- Road Design in Sharjah.
- Design of foundations, slabs and beams for two multi-storey Building.
- Design projects during under graduation: Water treatment plant, wastewater treatment plant, and water supply system.
- Studies & Research: participated in modelling, mapping and GIS studies.
- Potential Underground water mapping in UAE Using GIS.
- Computer Skills:
  - ArcMap.
  - Civil 3D.
  - Autodesk InfraWorks.
  - AutoCAD.
  - Water CAD.
  - MS Office (Word, Excel & PowerPoint).
  - Adobe Photoshop.
  - Interactive Highway Safety Design Model (IHSDM).
- **Languages:** Arabic (native), English (spoken and written Fluently) and French (Fair)

## Graduation Project

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### Design of a Highway that connects Al-Dhaid Town with Al-Manama Town

- **Aim:** Transfer the Innovative Knowledge of Road Design safety
- **Goal:** Implementation of the Road Design Manuals.
- **Objectives:**
  - Bench marking Street Design Manuals.
  - Design the Pavement of the road using AASHTO 1993 and the concept of perpetual pavement design.
  - Design the expected intersections between our roads and the existing roads.
  - Concept design of the Drainage system of the road.

## Experience

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### Trainee

#### AIMS Group

Ajman, UAE.

Nov-2018 – Present

1-Road Design (road alignment, road profile, and road markings).

2-Quantity Surveying and cost estimation.

3-Project planning using MS-Project.

### Research Assistant

#### University of Sharjah

Sharjah, UAE.

Jan-2018 – Present

1-Smart Waste Collection Routes using Network Analyst and GIS.

2-Air Pollution Modelling and mapping in Sharjah using GIS.

3-Noise Pollution Modelling in Sharjah using GIS.

4-Identifying and mapping Hotspots for incidents using Hotspot Analysis, Fuzzy Logic and GIS.

### Trainee

#### High Force Concrete Construction

Group – Sharjah, UAE.

June-2017 – August-2017

June-2016 – July-2016

1-Design Post Tension Slabs.

2-Check Slabs before Concrete Casting.

3-Check the Plans with the Site Engineer.

### Trainee

#### Municipality & Planning

Department Ajman, UAE.

June-2017

1-Review the Structural Plans.

2-Review the Soil Reports.

3-Use ETAPS to Check the Structural Design.

## **Achievements & Awards**

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- Certificate of Recognition for winning 3<sup>rd</sup> place in **The Civil and Environmental Engineering Department Senior Design Competition, May 2018**, University of Sharjah.
- Certificate of Appreciation for volunteering in **International Conference on Advance in Sustainable Construction Materials & Civil Engineering Systems 2017**, University of Sharjah.
- Certificate of completion Intermediate Level (English Course) 2012, East London School of English, London, England.
- Member in ASCE (American Society of Civil Engineers), University of Sharjah, Sharjah, UAE.
- Certificate of Excellent Academic Performance Year 2013-2014, Hikmah Private School (HPS), Ajman, UAE.

## **Skills & Interests**

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### **Skills:**

- Strong interpersonal and communication skills
- Strong conceptual as well as technical abilities.
- Work under pressure
- Creative
- Ability to multi-task.
- Team player, trustworthy, flexible and operative
- Accept criticism and learn from it to improve.
- Problem solving.
- Participation in the university's events to share and develop ideas.
- Strong interpersonal, communication & Presentation skills.
- Quick learner and huge desire to develop.

### **Interests:**

- Playing Football
- Reading (Novels and History).
- Swimming.
- Listening to Music.