

OMAR MOHAMED ABDELBASEER

Road Technical Office
Engineering & Tendering



PERSONAL INFO

- Arabic: Mother Tongue
- English: Very Good
- Nationality: Egyptian



CONTACT ME



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(Iqama) Riyadh, KSA



Saudi Driving License



SKILLS

- CIVIL 3D
- DYNAMO
- VEHICLE TRACKING
- INFRAWORKS
- AUTOCAD
- PTV VISSIM
- PTV VISUM
- LEGION
- SYNCHRO
- ArcGIS
- CAMTASIA
- GOOGLE EARTH
- MS OFFICE



OBJECTIVES

Civil Engineering in Tendering, Roads, Airports, ITS, Traffic and Transportation with experience in mega projects that deployed on highways in Saudi Arabia & Egypt.



EDUCATION

BACHELOR'S DEGREE | FACULTY OF ENGINEERING - CAIRO UNIVERSITY

2014 – 2019

Graduated from Cairo University – Faculty of Engineering – Civil Engineering Department.

Graduation Project:

- Highways and Airport Engineering.
- Traffic and Transportation.

Overall grade: Very Good with Honor Place (79.32%).

Graduation project grade: Excellent

HIGH SCHOOL | AL-ALBANI Secondary School in Riyadh - KSA

2011 – 2014



CERTIFICATION

SAUDI COUNCIL OF ENGINEERS | Civil Engineering

Membership no: 943780

INFRAWORKS DIPLOMA | ARRAY HOLDING

October 2024 – February 2025

ROADS DIPLOMA | ARRAY HOLDING

June 2023 – August 2023

ROADS SHOP DRAWING & TECHNICAL OFFICE | ARRAY HOLDING

October 2023 – December 2023

INTERNSHIP DESIGN ENGINEERING IN THE DESIGN OF ROADS AND PREPARING BOQ | AL-AMR GROUP

July 2018 – August 2018

DATA ANALYSIS PROFESSIONAL | UDACITY

August 2021 – September 2021



Alomaier Trading and Contracting Company

Tendering and Road Technical Office Engineer

May 2023 – Present

• Tendering

- Preparing Pre-Qualification Questionnaire for Contractor
- Preparing Technical Proposal
- Checking QTY in IFC Drawings and Comparing with BOQ
- Estimate QTY in Design and Build Projects
 - DGII King Khalid Road Diversion, KSA – (DGDA) *Lumpsum Build Project*
 - Avenues Khobar External Roads Improvement, KSA – (SHOMOUL) (3 underpasses and Bridge) *Lumpsum Build Project*
 - Implementation of a road linking Jeddah Islamic Port to the logistics area in Al-Khumra, KSA – (JEDDAH ISLAMIC PORT) *Build Project*
 - Site Preparation, Earth Works, Marina Dredging & Beach Sand, KSA – (AIUqair Area Development Company) *Lumpsum Design & Build Project*
 - Infrastructure Interchange 1 Road Improvements, KSA – (DGDA) *Lumpsum Design & Build Project*
 - Construction of King Khalid Road Main Works, KSA – (DGDA) *Lumpsum Build Project*
 - Prince Faisal bin Bandar Road Development Project in Riyadh, KSA – (Riyadh Region Municipality) *Build Project*
 - Remote Apron Expansion Code E Stands Project King Khaled International Airport, KSA – (RAC) *Lumpsum Build Project*
 - Mohammad bin Farag Road Traffic Improvement Project, KSA – (RAC) *Lumpsum Design & Build Project*
 - Main and side streets development project in various locations (North-East) of Riyadh city first phase, KSA – (Riyadh Region Municipality) *Build Project*
 - Main and side streets development project in various locations (South-West) of Riyadh city first phase, KSA – (Riyadh Region Municipality) *Build Project*
 - Site Preparation & Internal Road Works for Jafurah Phase IV Package-37, KSA – (Aramco) *Lumpsum Build Project*
 - Taif Road Development Project – (RCRC) *Build Project*
 - Jeddah Road Development Project – (RCRC) *Build Project*

• Projects:

- Avenues Riyadh External Roads Improvement, KSA – (SHOMOUL) *Lumpsum Build Project*
 - Implementing some interventions on the existing external road network to ensure adequate and seamless access and egress movements from/to the mall.
 - This involves the design and construction of (5 Bridges - 7 Underpasses), which will be integrated within the intersection between King Salman and King Fahd Roads.
- Al-Fursan Stage 01 Infrastructure Works, KSA – (NHC) *Build Project*
 - Redesigning and modifying the intersection road profiles and slope with the low point at the catch basin to link local roads with collector roads and main roads T-intersection (with median).
 - Implementing excavation and backfilling works in the project to prepare the design levels for infrastructure works.
- The Royal Equestrian & Polo Club, KSA – (DGDA) *Lumpsum Build Project*
 - Shop drawings and all site surveying checking the estimated quantities and cost for the enabling works excavation and backfilling to prepare the design levels for construction.

- Prince Faisal bin Bandar Road Development and Improvement Project in Riyadh – (Riyadh Region Municipality) *Build Project*
 - Redesigned road layouts to expand capacity from three to four lanes per direction, improving traffic flow and accommodating increased vehicular volume
 - Eliminated all signalized intersections by converting corridors into 3-leg intersections and incorporating two-lane U-turns to enhance traffic efficiency and reduce delays
- 6 Hotels Enabling Works (Ritz Carlton, Address, Raffles, Park Hyatt, Capella and Four Seasons) in DG-I, KSA – (DGDA) *Lumpsum Build Project*
 - Shop drawings and all site surveying checking the estimated quantities and cost for the enabling works excavation and backfilling to prepare the design levels for construction.
 - Reviewing and solving UMA Permitting Comments.
- Jafura Gas Compression Plant Phase-ii, PKG-31, KSA – (ARAMCO) *Lumpsum project*
 - Revised BOQ on all road components (Earthworks, Road Layers, Slope Stabilization, Guard rail, Bollards, Marking and Signage) for GCP (1,4 &7) *Lumpsum project*
 - Shop drawings for road cross-sections to get TOE level and exact quantity for every station with details for offset and elevation for all work layers.
- Development of Sudair Industrial City Phase 2, KSA – (MODON) *Build Project*
 - Checking site condition and revising B.M. and NGL condition by comparing with IFC drawings.
 - Apply modification on Alignments and Profiles to ensure well-joined with the existing roads.
 - Re-designing and modifying the intersection road profiles and slope with the low point at the catch basin to link local roads with collector roads (T-intersection, Four legs and Roundabout) all with the median.
 - Implementing excavation and backfilling works in the project to prepare the design levels for infrastructure works.
 - Revised BOQ on all road components (Earthworks, Road Layers, Curb, Interlock, Marking and Signage)

MASARAT MISR for Integrated Solutions

Highways, ITS, Traffic & Transportation

October 2021 – May 2023

Projects:

- **Highways Intelligent Transportation System for Egypt**
 - Resolving the Conflicts between ITS Project and BRT on Ring Road.
 - Modelling the criteria for placing the equipment's of intelligent transportation systems.
 - Project coordinator for software modules
 - Testing Engineering by attending the SAT for the software module.
- **New Ras El-Hikma City, Egypt**
 - Conceptual design for major roads in the city
 - Distribution of Stations for BRT and LRT system
- **New Port in East Port-Saeed, Egypt**
 - Parking Simulations and gate Capacity on Vissim software
- **El-Kayan Military Zone in New Capital, Egypt**
 - Re-evaluation of all routes and intersections in the network
 - Design new intersections and roundabouts
- **ITS for New Administration Capital, Egypt**
 - Equipment's placement of ITS components
 - Applying warrant analysis for pedestrian crosswalks

- Downtown in Cairo, Egypt
 - Evaluation of the current status of all roads and intersections in the downtown area
 - Traffic Impact Study for removing Al-Azhar Bridge
 - Re-design the geometry of roads and intersections

- Makkah Bus Station, KSA
 - Full crowd management analysis for pedestrians in stations Ibrahim El-Khalil & Kudi using Legion Software

BMG CONSTRUCTIONS Engineering

Technical Office and QS ENGINEERING

July 2019 – September 2021

- 520th 5th Avenue St. NY, USA
 - Reviewing plans and preparing quantity estimates for RFT, P.C and R.C to the substructure levels.
 - Creating shop drawings sheets for all substructure elements.
- Many other projects located in New York City, USA
 - Creating Shop drawings for all Substructure elements and quantities for P.C and R.C

Membership no.:943780

عضوية رقم: 943780

In accordance with the Regulations of Saudi Council of Engineers by Royal Decree M/36 Date 26/9/1423H and the Engineering Professions Practice Regulation by Royal Decree M/36 Date 19/4/1438 H. SCE has approved:

استناداً إلى نظام الهيئة السعودية للمهندسين الصادر بالمرسوم الملكي رقم م/٣٦ وتاريخ ٢٦/٩/١٤٢٣هـ ونظام مزاولة المهن الهندسية الصادر بالمرسوم الملكي م/٣٦ وتاريخ ١٩/٤/١٤٣٨هـ ولائحته التنفيذية فقد قررت الهيئة اعتماد:

OMAR MOHAMD ABDELBASSIR IBRAHIM

عمر محمد عبدالبصير ابراهيم

Membership Category: Engineer

فئة العضوية: مهندس

Specialization: Civil Engineering

التخصص: هندسة مدنية

Membership Start Date: 5/28/2023

تاريخ بداية العضوية: 5/28/2023

This Certification is valid until: 28 May 2028

هذه الشهادة صالحة إلى تاريخ: 05 محرم 1450



الأمين العام Secretary General

م. عبدالمحسن بن ضاوي المجنوني

CERTIFICATE

OF APRECIATION

THIS CERTIFICATE IS PROUDLY IS PRESENTED TO

Omar Mohamed Abdbaseer

For attendance and passing the following Course

ROADS DIPLOMA



h/s H. AMMAR

Instructor

CERTIFICATE

OF APRECIATION

THIS CERTIFICATE IS PROUDLY IS PRESENTED TO

Omar Mohamed Abdbaseer

For attendance and passing the following Course
Roads Shop Drawing & Technical Office



h/s/ H. A. M. A. R.

Instructor

CERTIFICATE

THIS CERTIFICATE IS PROUDLY IS PRESENTED TO

OMAR MOHAMED ABDBASEER

For attendance passing the following 35 hours in
Infraworks software Diploma

Array Holding

Street Abdmaneam



Array holding is a proud of Eng. OMAR MOHAMED ABDBASEER that he is a trainee in Infracore software Diploma for 35 hours and passed it successfully, the following tasks are done by him

- Create a model environment

Candidate can use all data source data and integrate with out-source GIS software to create a model environment.

- Create and edit city furniture

Candidates can create and edit in proposed roads, buildings, Parking areas, Coverages, Landscapes, and pedestrians also can edit in style palette to manage model needs.

- Road conceptual design

Candidate can create and edit in roads edit road geometry to meet design criteria, design, and edit road assembly

Design edit and check vertical design for roads

Design Edit and check superelevation for road design

Create and edit in-road decorations.

Edit Road design speed.

Create and edit intersections and roundabouts.

Check road sight distance.

estimate road quantities.

use optimization tools to select perfect path and profile

-Civil Structure Design

Candidate can design and edit in bridge elements and tunnels

edit in bridge components.

line girder analysis and check design requirement.

Structure Quantity survey

-Drainage Conceptual Design

Candidate can estimate hydrology study and water sheds for area our road .

Create and edit culverts.

Create and edit Drainage network.

analysis Drainage network

-Traffic simulation and animation

Candidate can create edit traffic area and setting scenarios and generate traffic demands

Create, edit demand zones and matrices

Generate Trips and simulate traffic results.

Design and edit traffic intersections using fixed, electronic signals

Adding pedestrians to traffic matrices and create, edit pedestrians intersections with roads

-Present models

Candidate can create video with highly render to describe model items

Render models, edit 3D graphics and visual effect settings

-Collaborations with BIM software

Candidate trained to import, export models from Infracore to civil 3D , AutoCAD , Revit , 3Dmax . and how to sync between different software.

Candidate had practiced designing two different models in civil 3D and export to infracore and collaborate with sektion to maximize benefits from using infracore software

Array holding



Instructor

Sharif Abd El moneem

SCHOLARSHIP SPONSORED BY Ministry of Communications and Information Technology OF EGYPT



VERIFIED CERTIFICATE OF COMPLETION

September 24, 2021



Omar Mohamed

Has successfully completed the

Data Analysis Professional

NANODEGREE PROGRAM



Sebastian Thrun
Founder, Udacity

Udacity has confirmed the participation of this individual program.
Confirm certificate authenticity at confirm.udacity.com/JWPPVK4M