

ANAS ADEEB AL-SHARO

Qatar-Doha/ Jordan-Irbid

Mobile: +97431119045

Email: anas.share@gmail.com

OBJECTIVE:

Dedicated, enthusiastic individual with outstanding academic, communication, organizational, and people skills, with both industrial and academic experience and a research interest that leans toward employing newly developed technologies in civil engineering applications, interested in research in the field of Structural Engineering, Finite Element Method, Structural Health Monitoring, Machine-Learning applications in civil engineering, Drones applications in civil engineering, or General Civil Engineering.

EDUCATION:

Master of Science in Structural Engineering	September 2014- June 2017
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Jordan University of Science and Technology,

Irbid, Jordan

- **GPA: 89.8 (Excellent).**

Master Thesis:

- **Implementation of Constitutive Models Based on Artificial Intelligence in Finite Element Analysis.**

Bachelor of Science in Civil Engineering/Structural	September 2008 - May 2013
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Jordan University of Science and Technology,

Irbid, Jordan

- **GPA: 76.1 (Very Good).**

WORK EXPERIENCE:

Faculty Member(Teaching Assistant)	August 2019 – Now
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Qatar University- Full Time

Doha, Qatar

Courses Taught:

- Surveying Laboratory. (Using GPS, PPK-Mode Drones)
- Creating Construction information using BIM.
- Responsible for teaching different structural analysis software programs (Concrete & Steel).

Faculty Member(Instructor)	September 2017 – August 2019.
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AL Hussein Technical University (Crown Prince University)- Full Time

Amman, Jordan

Courses Taught:

- Surveying Laboratory. (Using total stations, GPS and different instruments)
- Building Information Modeling. (Revit Architecture & Revit Structure)
- Principles of Structural Design. (Concrete & Steel)

Coordinator (Professional Development & Community Outreach Office) October 2017 – August 2019.

AL Hussein Technical University (Crown Prince University)-Volunteer

Amman, Jordan

- Design, implement and organize professional development programs for university graduates from different Jordanian universities.
- Design, implement and organize up-skilling programs for Syrian refugees in Jordan.

Teaching Assistant

September 2014 – June 2016.

Jordan University of Science and Technology.

Irbid, Jordan

- Worked as a teaching assistant for different courses including structural drawing using AutoCAD, Engineering Materials Lab, and Hydraulics Lab.

Site Engineer

May 2015 – September 2015.

Jordan Free Zones Company.

Queen Alia International Airport, Jordan

- Was part of JFZ-Amman team that was responsible for the monitoring and follow-up of the Amman Gate Free-Zone at Queen Alia International Airport (1000 Donoms multi-purpose free-zone area).
- Took the lead for the rehabilitation and renovation project for QAIA ring road and its entrances.

Site Engineer

August 2013 – March 2014.

PANDA for Structural Construction.

Irbid, Jordan

- Site engineer for the extension project of three public schools (Mafrag-Jordan).
- Site manager for the extension of Irbid Security Directorate Building (Irbid-Jordan).

SUMMARY OF SKILLS:

- Certified Drone Operator In Qatar- (Can Operate Different Commercial Drones).
- AutoDesk Certified Professional (REVIT2018- AutoCAD2018).
- Fabrication Skills-Fabrication Lab (FABLAB) Trainee:
 - Excellent in using different types of 3D printers.
 - Excellent in using printed circuit boards milling machines.
 - Designed and manufactured laser alarm system using basic FABLAB machines and tools.
- GRE Score: 160/170 Quantitative, 143/170 Verbal (From Two Tests).
- IELTS Score: 7.5

PUBICATIONS:

- “Operational Modal Analysis and Finite Element Model Updating of a 53 Story Building”, Published.
- “Finite element implementation of Machine Learning-Based constitutive Material Model for Architectural Fabrics.”, under construction, to be submitted soon.
- “Employing Drones and Machine Learning Algorithms to Enhance the Monitoring and Management of Traffic in the State of Qatar”, Conference Paper, to be submitted for Feb 2023