TARIQ AL-OMAR

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Windsor, ON N9B 2H5

SUMMARY

Highly-motivated employee with desire to take on new challenges. Strong work ethic, adaptability, and exceptional interpersonal skills. Adept at working effectively unsupervised and quickly mastering new skills.

SKILLS

- Structural design software: SAFE, ETABS, Prokon
- AutoCAD.
- Microsoft Office.
- Excellent communication
- Material testing

PROFESSIONAL EXPERIENCE

ACADEMIC EXPERIENCE | 05/2026 to 08/2026
University of Windsor - **Windsor**, **ON**

INTERNSHIP | 05/2021 to 09/2021
Adnan Al-Safarini Company - **Dubai**, **United Arab Emirates**

- Developed structural designs for housing, multistory buildings, and towers using ETABS, PROKON, SAFE, and AutoCAD.
- Completed foundation designs for deep and shallow systems.
- Structural quality maintained through inspection, testing, and checking of beams, columns, slabs, and foundations in pre-stressed skyscraper.
- Pile and shallow foundation supervision completed across site activities.
- Construction material verification completed through field and laboratory tests, including slump test, flow test, and aggregate tests.
- Managed day-to-day duties accurately and efficiently.

EDUCATION

University of Windsor - **Windsor, ON**
Masters of Science
Civil Engineering, **Expected in 04/2027**
Currently a student in the university of Windsor working on supplementary cementitious materials in the development of mortar in order to reduce the carbon footprint of mortars and concrete, enhance compressive strength and durability.

- Thesis or Dissertation Title: Impact of clinker factor on the performance of cementitious materials with novel supplementary cementitous materials.

Jordan University of Science & Technology, School of Engineering
Bachelor
Civil and Environmental Engineering, **01/2022**

- Rank: 25 out of 166 (top 15%)
- ABET accredited.
- On the honors list, second semester 2017.
- GPA: 3.51 out of 4.2

LANGUAGES

Arabic: full native proficiency., English: full professional proficiency., German: Upper Intermediate.

PROJECTS

1- Graduation Project: design of a highway., Analyzed the projected roadway, and collected the hourly, daily, weekly and annual volume of traffic vehicles., Designed a two lane – two way highways with one intersection and one interchange. "The project's goal is to solve many of the congestion problems that are countered in the city of Irbid, Jordan"., Designed of culverts and ditches., Checked the design using design software programs like Civil3D "The aim of using software was to eliminate any errors due to manual design"., 2- Quantity surveying project., Calculated the amount of steel and concrete for structural elements including: beams, columns, slabs and foundations., Calculated and estimated the amount of tiles, painting and other typical finishing materials., Issued an estimation bill the price of the materials.

VOLUNTEER WORK

Irbid, Lead a group of five people to design and build a wooden bridge model for a bridge in the city of Irbid, and testing it under static and dynamic loading.

RESEARCH EXPERIENCE

- Working currently in materials engineering, as I am currently a student in the University of Windsor working on supplementary cementitious materials in the development of mortar in order to reduce the carbon footprint of mortars and concrete, improve compressive strength and durability.

REFERENCES

References available upon request.