

MUHANNAD HUSSAIN ALLUHIBI

Transportation & Traffic Engineer

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About Me

A motivated and adaptable recent graduate with a Bachelor's degree in Transportation and Traffic Engineering. Proven ability to excel in high-pressure environments and a keen interest in leveraging technical skills to solve complex traffic challenges.

Education

Imam Abdulrahman Bin Faisal University – Dammam, Saudi Arabia

- Bachelor of Science in Transportation and Traffic Engineering

Graduation Project & Research

Pedestrian-Driver Behavior at Unsignalized Mid-block Crosswalks – Project Team Leader

- Led a project analyzing pedestrian safety at unsignalized mid-block crosswalks.
- Combined assessments with behavioral observations.
- Applied traffic modeling and analysis techniques.

Related Research & Publication

- Title: Modeling the Impact of Driver Compliance and Facility Design Characteristics on Pedestrian Delay and Mobility at Midblock Crossings
- Co-Authors: Muhannad Hussain Alluhibi, Muwfaq Ahmad Aldlaigan, Yousef Abdullah Al-nami, Muhammad A. Dalhat, PhD
- Corresponding Author: Dr. Abdulrahman Alhariqi
- Journal: TRF: Traffic Psychology and Behaviour

Internship Experience

SETS International – Dammam, Saudi Arabia (June 2025 – August 2025)

- Contributed to transportation impact study for Imam Sports Stadium in Riyadh.
- Assisted in traffic analysis for Ain Najm Roundabout project.
- Participated in Dhahran–Madinah Road intersection study in Al-Ahsa.

Saudi Aramco – Traffic Safety Study, Dammam (August 2024)

- Participated in traffic study concerning truck movements on King Abdulaziz Highway.
- Contributed to traffic counting and data collection.
- Certificate issued by Dr. Abdelhameed Almojill.

Skills

Technical Skills: Traffic Simulation & Modeling (VISUM, VISSIM, HCM, Synchro, SIDRA); Data Analysis & Visualization (Excel, SPSS, Python); GIS & Mapping (QGIS, ArcGIS); CAD & Design Software (AutoCAD, Civil 3D); Traffic Signal Design & Optimization; Road Safety & Capacity Analysis.

Professional Skills: Teamwork, Flexibility & Adaptability; Problem Solving, Critical Thinking; Time Management, Working Under Pressure; Report Writing & Presentation Skills.

Certifications

- VISUM, VISSIM, HCM – Attendance Certificates
- Stress Management, Management & Self Development, Creative Development, Design Thinking – Certificates
- Certificate of Participation – Saudi Aramco (Truck Traffic Study, August 2024)

Languages

Arabic, English