

# Resumé

## Ahmad Hani Alomari, Ph.D.

*Professor, Department of Civil Engineering, Hijjawi Faculty for Engineering Technology, Yarmouk University.*

### EDUCATION

Degree	Discipline	Institution	Year
Ph.D.	Civil Engineering / Transportation Engineering	University of Central Florida	2015
M.Sc.	Civil Engineering / Transportation Engineering	Jordan University of Science & Technology	2011
B.Sc.	Civil Engineering	Hashemite University	2008

### ACADEMIC EXPERIENCE

May. 2015 – Present	Professor of Civil Engineering (Yarmouk University).
Sept. 2016 – May. 2025	Associate Professor of Civil Engineering (Yarmouk University).
June. 2016 – Aug. 2021	Assistant Professor of Civil Engineering (Yarmouk University).
Sep 2017 – Sep 2019	Chair, Department of Civil Engineering (Yarmouk University).
Aug 2013 – Dec 2013	Graduate Teaching Assistant (University of Central Florida).

### NON-ACADEMIC EXPERIENCE

April. 2024 – Present	Traffic & Transportation Engineering Expert (Consolidated Consultants Group – CCG / Riyadh, KSA) Management and Technical Expert in Traffic and Transportation Engineering Projects. My role encompasses overseeing the planning, development, and execution of complex traffic and transportation initiatives, ensuring adherence to international best practices and innovative methodologies. I provide strategic guidance and technical expertise across various projects, with a focus on enhancing traffic safety, optimizing transportation systems, and implementing sustainable urban mobility solutions. My work involves leading multidisciplinary teams, collaborating with stakeholders, and leveraging data-driven analysis to deliver effective, client-oriented solutions that drive progress in infrastructure and urban planning.
Jan 2012 – Dec 2015	Graduate Research Assistant (University of Central Florida). Involved in many transportation studies. Research/consultants include: <ul style="list-style-type: none"><li>• International Drive Bus Rapid Transit (BRT) Experience in Orlando, Florida.</li><li>• Applications of Traffic Signal Priority (TSP) Technology for Transit Service on International Drive in Orlando, Florida.</li><li>• Evaluating the Impact and Usefulness of Highway Advisory Radio (HAR) and Citizens' Band Radio Advisory Systems (CBRAS)</li><li>• Wrong-Way Driving Incidents on CFX Toll Road Network (Florida), Phase-1 Study: What is The Extent of This Problem?</li><li>• Wrong-Way Driving Incidents on CFX Toll Road Network (Florida), Phase-2 Study: Developing Countermeasures.</li><li>• Wrong-Way Driving Incidents on CFX Toll Road Network (Florida), Phase-3 Study: Allocating &amp; Evaluating Countermeasures on CFX Roadway Network.</li><li>• Evaluating the Wrong-Way Driving Incidents Problem on the Florida's Turnpike Roadway System, Phase-1 Planning Study.</li></ul>
Feb 2009 – Jan 2012	Senior Traffic Engineer. Gulf Engineering House (Regional Office: Amman - Jordan) During my work, I was involved in many traffic engineering / transportation planning studies for the Saudi Arabian Cities, mainly: <ul style="list-style-type: none"><li>• Analysis and Design of many Intersections / Interchanges in Jeddah, Taif, and Makkah cities / Saudi Arabia.</li><li>• Expansion Study King Abdul Aziz Road in Hail / Saudi Arabia.</li><li>• Road Safety Audit for Dhahran – Jubail Highway (75 km) / Saudi Arabia.</li><li>• Jazan Public Transportation Study / Saudi Arabia.</li><li>• Traffic Impact Study for Olayan Mall / Saudi Arabia.</li><li>• Traffic Impact Study of American School / Saudi Arabia</li><li>• Public Transport Traffic Study in the second industrial city in Dammam / Saudi Arabia.</li><li>• Involved in lecturing at training programs (Gulf Engineering House, Road Institute) in: traffic modeling and simulation, public transport concepts, urban transportation planning, and using VISSIM, HCS, and VISUM Software.</li></ul>

## CERTIFICATES AND WORKSHOPS

- Introduction to iRAP, organized by iRAP - International Road Assessment Programme, (2024).
- Star Rating for Schools (SR4S), organized by iRAP - International Road Assessment Programme, (2024).
- Scientific Publishing and International Journals Workshop, organized by the Accreditation and Quality Assurance Center at Yarmouk University in Irbid, Jordan (2023).
- Intellectual Property Workshop, organized by the Accreditation and Quality Assurance Center at Yarmouk University in Irbid, Jordan (2023).
- Teaching and Learning Strategies Workshop - Based on Activities, organized by the Accreditation and Quality Assurance Center at Yarmouk University in Irbid, Jordan (2023).
- Teaching and Learning Strategies Workshop – Teamwork, organized by the Accreditation and Quality Assurance Center at Yarmouk University in Irbid, Jordan (2023).
- Interactive Design Using Classpoint Software, organized by the Accreditation and Quality Assurance Center at Yarmouk University in Irbid, Jordan (2023).
- Plagiarism Detection Using Turnitin Software, organized by the Accreditation and Quality Assurance Center at Yarmouk University in Irbid, Jordan (2022).
- Integrated Quality Management Systems in Engineering Education: ABET Accreditation Criteria & Process Flow with Smart-Accredit CLOSO, organized by the Accreditation and Quality Assurance Center at Yarmouk University in Irbid, Jordan (2020).
- How to apply for H2020 projects, organized by the Accreditation and Quality Assurance Center at Yarmouk University in Irbid, Jordan (2018).
- Academic and Scientific Research Ethics, organized by the Accreditation and Quality Assurance Center at Yarmouk University in Irbid, Jordan (2018).
- Common English Language Mistakes when Writing Research, organized by the Accreditation and Quality Assurance Center at Yarmouk University in Irbid, Jordan (2018).
- Managing References and Indexes Using EndNote, organized by the Accreditation and Quality Assurance Center at Yarmouk University in Irbid, Jordan (2018).
- Students’ Misconduct Investigation Councils, organized by the Accreditation and Quality Assurance Center at Yarmouk University in Irbid, Jordan (2018).
- Preparing the Faculty Member File for Promotion Purposes, organized by the Accreditation and Quality Assurance Center at Yarmouk University in Irbid, Jordan (2016).
- Preparing New Faculty Members, organized by the Accreditation and Quality Assurance Center at Yarmouk University in Irbid, Jordan (2017).
- Question-mark Perception, organized by the Accreditation and Quality Assurance Center at Yarmouk University in Irbid, Jordan (2017).
- University and Community Service, organized by the Accreditation and Quality Assurance Center at Yarmouk University in Irbid, Jordan (2017).
- Applying for Funded Research Projects, organized by the Accreditation and Quality Assurance Center at Yarmouk University in Irbid, Jordan (2017).
- Management of Teaching and Learning Process, organized by the Accreditation and Quality Assurance Center at Yarmouk University in Irbid, Jordan (2017).
- Evaluation and Assessment in Higher Education, organized by the Accreditation and Quality Assurance Center at Yarmouk University in Irbid, Jordan (2017).
- Statistical Analysis Using SPSS: Levels 1, 2, and 3, organized by the Accreditation and Quality Assurance Center at Yarmouk University in Irbid, Jordan (2017).
- Library Resources and Databases, organized by the Accreditation and Quality Assurance Center at Yarmouk University in Irbid, Jordan (2017).

## PROFESSIONAL SOCIETY MEMBERSHIP

- Jordan Engineering Associates (JEA) – Registered Civil Engineer.
- Institute of Transportation Engineers (ITE) – Member
- American Society of Civil Engineers (ASCE) – Member
- Transportation Research Board (TRB) – Active Contributor and Committee Participant
- The Saudi Council of Engineers (SCE) – Certified Member.

## PUBLICATIONS

- YU Website: <https://fmd.yu.edu.jo/facweb/HomePage.aspx?AcadURL=alomarish>
- Google Scholar: <https://scholar.google.com/citations?user=ADxv20MAAAAJ&hl=en&oi=ao>
- ResearchGate: <https://www.researchgate.net/profile/Ahmad-Alomari-4>