### NAMI ABDULWAKIL A. ALSULAMI, PH. D

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#### PROFESSIONAL SUMMARY

- Transportation engineering professional with over ten years of experience in urban mobility, infrastructure fieldwork, and academic instruction. Specialized in shared mobility, traffic safety, and transportation planning, with a strong foundation in big data analytics and econometric modeling. My work focuses on leveraging data-driven insights to enhance the accessibility, safety, and efficiency of urban transport systems. Passionate about innovation and interdisciplinary collaboration, I aim to contribute to the development of smarter, more sustainable urban mobility solutions.
- Experience in professional writing and technical presentation.

### ACADEMIC BACKGROUND

- Ph.D. in Civil (Transportation) Engineering | University of Central Florida, Orlando, FL, USA | GPA: 4.0/4.0 December 2023
- M.S. in Transportation Engineering | University of Dayton, OH, USA | GPA: 3.77/4.0 December 2019
- B.S. in Civil Engineering | Umm Al-Qura University, Makkah, Saudi Arabia | GPA: 3.51/4.0 June 2014

#### **PROFESSIONAL EXPERIENCE**

- Assistant Professor | Al-Baha University, Saudi Arabia | Jan 2024 Present
  - Teaching civil and transportation engineering courses and supervising graduation projects.
  - Participating in academic committees and departmental development plans
- Graduate Teaching Assistant | University of Central Florida, USA | Jan 2021 Dec 2023
  - Assisted in delivering undergraduate and graduate-level courses
  - -Supported curriculum development and student assessments across lecture and lab components.
  - -Engaged in instructional activities that promoted applied learning, analytical thinking, and technical communication.
- Board Member | American Society of Highway Engineering (ASHE), UCF | Oct 2021 Aug 2023 Organized professional events and panels on transportation and mobility topics.
- Event Service Associate | University of Central Florida, USA | Sep 2021 Jan 2022 Supported university event operations, logistics, and public engagement.
- Events & Sports Organizer | Saudi Students Association, University of Dayton | Oct 2018 Dec 2019 - Led planning and coordination of social, cultural, and athletic events.
- International Student Engagement Team | University of Dayton, USA | Summer–Fall 2019 - Mentored international students and facilitated technical orientation programs.
- Teaching Assistant | Al-Baha University, Saudi Arabia | Aug 2015 Apr 2016 - Led practical labs in Highway Engineering and Surveying.
  - Focused on teaching Saudi roadway standards and technical report development.
- Project Manager | Al-Madinah Development Authority, Saudi Arabia | Aug 2014 Aug 2015
  Oversaw project schedules, reports, and site operations for public works initiatives.
- Intern Engineer | Al-Haram Expansion Project (Dar Al-Handasah), Mecca | Jun Aug 2013 - Monitored concrete quality control, supervised safety measures, and supported field reports.
- Intern | Saudi Aramco Main Headquarters, Dhahran, Saudi Arabia | Jun Aug 2012

- Participated in survey engineering tasks and conducted site inspections to assess the structural and safety conditions of existing buildings.

## **RESEARCH PUBLICATIONS**

- Alsulami, N., Tirtha, S.D., Yasmin, S., Eluru, N. (2022). *Modeling Dockless Shared E-Scooter Demand by Time of Day: A Case Study of Austin.* Journal of Advanced Transportation.
- Alsulami, N., Tirtha, S.D., Yasmin, S., Eluru, N. (2022). *Modeling Dockless Shared E-Scooter Demand by Time of Day: A Case Study of Austin*. Presented at ASCE International Conference on Transportation & Development, Seattle, WA.
- Alsulami, N., Tirtha, S.D., Yasmin, S., Eluru, N. (2023). *A Joint Binary Logit and Fractional Split Model for Estimating Distribution of Shared E-Scooter Trips*. Presented at ASCE International Conference on Transportation & Development, Austin, TX.
- Alsulami, N., Tirtha, S.D., Eluru, N. (2023). Understanding the Variations of E-Scooter Demand Before, During, and After the COVID-19 Pandemic. Presented at ASCE International Conference on Transportation & Development, Austin, TX.
- Alsulami, N., Tirtha, S.D., Kabli, A., Yasmin, S., Eluru, N. (2024). *Modeling Time-to-Book for E-Scooters Using Grouped Order Logit Model*. Presented at Transportation Research Board (TRB) Annual Meeting, Washington, D.C.

# **PROFESSIONAL SKILLS**

- Statistical analysis: SPSS, Python, Excel, R
- Simulation: VISSIM, Synchro, AIMSUN
- GIS & Data tools: ArcGIS, QGIS

- Reporting tools: MS Word, PowerPoint
- Roadway design: AutoCAD
- Languages: Arabic (native), English (fluent)

# AWARDS AND ACHIEVEMENTS

- The UCF College of Graduate Studies Presentation Fellowship 2024
- The UCF College of Graduate Studies Presentation Fellowship 2022
- Award of an outstanding Organization (2018-2019) University of Dayton
- Best Practices in College Teaching University of Dayton (2019)
- Quality Control in Road Projects Saudi Council (2015)
- TQM Certification ASME-UQU (2014)
- Authored peer-reviewed journal papers and presented at TRB, ASCE conferences