

## Curriculum Vitae (CV)

<b>Name</b>	Ahmed Osama Amer
<b>Date of Birth</b>	12/11/1988 (33 years old)

### Education:

- **Doctor of Philosophy**—Transportation, Civil Engineering, University of British Columbia (2018).
- **Master of Science**—Public Works, Civil Engineering, Ain Shams University (2014).
- **Bachelor of Science**—Civil Engineering “Honors”, Ain Shams University (2010).

### Awards:

- International Publication Award, Ain Shams University (2021)
- Sustainable Transportation Award, Transport Canada (2018).
- Stantec Award, Canadian Institute of Transportation Engineers (2018).
- Jim Davey Award, Canadian Transportation Research Forum (2017).
- Research Merit Award, University of British Columbia (2016 and 2017).
- Academic Merit Award, University of British Columbia (2015).
- International Tuition Award, University of British Columbia (2014).
- Publication Award, Egyptian Ministry of Higher Education (2013).

### Employment Record:

Period	Employing organization and your title/position.	Country	Summary of activities performed
September 2018- Present	-Manager / Assistant Professor— <ul style="list-style-type: none"> <li>• Center of Mobility Research / Faculty of Engineering Ain Shams University (September 2018- Present)</li> </ul> -Transportation Engineering Consultant for— <ul style="list-style-type: none"> <li>• FTI Consulting London (June 2019- October 2021)</li> <li>• Institute for Transportation and Development Policy /UN Habitat Egypt</li> </ul>	Egypt	-Mega Research project on improving traffic safety in Cairo neighbourhoods, and including sustainable modes of transportation as well as investigating the potential socio-economic benefits -Research project on an autonomous vehicle prototype and its safety -Teaching undergraduate and postgraduate sustainable transportation planning courses  -Support the European Bank for Reconstruction and Development (EBRD) to develop a comprehensive short- and long-term e-mobility strategy in Egypt  -Lead the newly established Transportation Planning Unit in the Egyptian New Urban Communities Authorities as the unit’s Technical Officer

	(October 2019-March 2020)		-Supervise the improvement of the transit network and the sustainable urban mobility plan for 6th of October City and surrounding areas -Monitor the preparation of a service plan for 6th of Oct City-Faisal BRT corridor  -Value engineering and crowd management within Al-Masjid An-Nabawi -Analysis of the tenders' submission for the monorail project in Egypt
	<ul style="list-style-type: none"> <li>• Khatib &amp; Alami (October 2018-January 2021)</li> </ul>		
January 2014-March 2018	-Research Assistant and Transportation Engineer—Bureau of Intelligent Transportation Systems and Freight Security, University of British Columbia  -Teaching Assistant and Invited Lecturer—Civil Engineering Department, University of British Columbia	Canada	-Macro-level safety planning of active transportation networks and infrastructure, including policy recommendations related to network design, land use, socio-economics, built environment, road facilities, traffic exposure, etc. to improve the safety and efficiency of those networks -Analyzing road users' behaviours and micro-level traffic safety analysis using computer vision techniques for cities within Canada (Surrey and Edmonton), Qatar (Qatar University), and Australia (Adelaide)
February 2012-January 2014	Teaching and Research Assistant—Public Works Department, Ain Shams University	Egypt	-Research on improving public transit service reliability in Cairo and re-planning bus routes using a prototype automatic vehicle location system -Freelance highway engineering tasks for the Highway Engineering Consultancy Unit including Alex-Cairo Highway and Cairo International Airport
May 2011-February 2012	Transportation Engineer—Dar El Handasah (Dar group), one of the top ten consultant firms worldwide	Egypt	-Geometric design tasks in Dubai airport. -Revision of design reports for the High-Speed Rail project in Saudi Arabia. -Geometric design tasks in KAUST

#### **Publications and Conference Presentations:**

<https://scholar.google.com/citations?hl=en&user=NTQuQfUAAAAJ>

#### **Relative Workshops Attended:**

- Foundation of Project Management (2016); A workshop by Mitacs Step Program at the University of British Columbia.
- Climate Change Summer school (2018); A workshop by German Exchange Program (DAAD) for Middle East and German participants.

#### **Membership of professional bodies:**

- First Egyptian Steering Committee for developing bike Facilities planning standards/code
- Canadian Institute of Transportation Engineers
- Canadian Transportation Research Forum