Md **Mintu** Miah

820 Benge Dr., Arlington, TX-76013, USA
+1808-387-4052, mdmintu.miah@mavs.uta.edu

Education

University of Texas
Arlington, TX
2019-Present
GPA: 3.66/4.00

PH.D. IN TRANSPORTATION ENGINEERING
   Dissertation: Data Mining and Machine learning Approach for AADBT Estimation
   Committee: Stephen P. Mattingly, Kyung Kate Hyun, Pengfei (Taylor) Li, James C.
   Williams, Noelle Fields

University of Hawaii at Manoa
Honolulu, HI
2017-2018
GPA: 3.84/4.00

MS IN TRANSPORTATION ENGINEERING
   Thesis: Effects of Reading Text While Driving Analysis Of 200 Honolulu Taxi Drivers On A
   Vs500m Simulator
   Advisor: Panos D. Prevedouros

Rajshahi University of Engineering and Technology (RUET)
Bangladesh
2008-2012
GPA: 3.85/4.00

BS IN CIVIL ENGINEERING
   Thesis: Numerical Analysis of Coupled Shear Wall for Drift Control
   Advisor: Tohur Ahmed

Professional Experience

University of Texas
Arlington, TX
May 2019-Present

GRADUATE RESEARCH ASSISTANT
   Traffic and Transportation Lab

University of Texas
Arlington, TX
Jan 2019-Apr 2019

GRADUATE TEACHING ASSISTANT
   Department of Civil Engineering

University of Hawaii at Manoa
Honolulu, HI
Aug 2017-Dec 2018

GRADUATE RESEARCH ASSISTANT
   Traffic and Transportation Lab

Rajshahi University of Engineering and Technology
Bangladesh
Apr 2017-Sep 2017

ASSISTANT PROFESSOR
   Department of Civil Engineering

Rajshahi University of Engineering and Technology
Bangladesh
Feb 2014-Mar 2017

LECTURER
   Department of Civil Engineering

Stamford University
Bangladesh
Aug 2013-Jan 2014

LECTURER

Department of Civil Engineering

World University
LECTURER
Department of Civil Engineering

Bangladesh
May 2013-Sep 2013

Teaching Experience ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━
Rajshahi University of Engineering and Technology
Transportation Engineering-I
Transportation Engineering-II

Feb 2014-Sep 2017
120 Undergrade Students

Stamford University
Pre-stress Concrete
Structural Analysis and Design

Feb 2014-Mar 2017
90 Undergrade Students

World University
Transportation Engineering-I
Transportation Engineering-II

May 2013-Sep 2013
50 Undergrade Students

Publications ━━━

MM Miah, Farah Naz, Kyung (Kate) Hyun, Stephen P. Mattingly, Courtney Cronley, Noelle Fields **(2020),** "Barriers and Opportunities for Paratransit Users to Adopt On-Demand Micro Transit", Presented 99th Annual TRB Meeting, Washington DC (**TRB Conference**).

PD Prevedouros, EG Nathanail, **MM Miah,** RDM Barros **(2020),** "Analysis of Professional Drivers while Text-Reading, and Prediction of Driving Behavior Using Cluster Modeling", Presented 99th Annual TRB Meeting, Washington DC (**TRB Conference**).

MM Miah, Panos D Prevedouros**(2019),** "Effects of Reading Text While Driving: Analysis of 200 Honolulu Taxi Drivers on a Simulator", Presented 98th Annual TRB Meeting, Washington DC(**TRB Conference**).

Kate Hyun, Stephen Mattingly, Courtney Cronley, Noelle Fields, Md Mintu Miah, Farah Naz, Shamsun Nahar (2019), "Characterizing Handitran Users and Their Travel Pattern" (**Project Report**),

Nathanail E.G., Prevedouros P.D., **Mintu Miah M**., De Melo Barros R. **(2019)** Predicting the Impact of Text-Reading Using Decision Trees. In: Moura Oliveira P., Novais P., Reis L. (eds) Progress in Artificial Intelligence. EPIA 2019. Lecture Notes in Computer Science, vol 11804. Springer, Cham(**Book Chapter**)

Miah, M. M. H. (2018). *EFFECTS OF READING TEXT WHILE DRIVING ANALYSIS OF 200 HONOLULU TAXI DRIVERS ON A VS500M SIMULATOR* (**Master dissertation**, University of Hawaiʻi at Mānoa).

Prevedouros, P., Bhatta, K., & **Miah, M. M.** (**2019**). 2007–2016 Fatal Traffic Crashes in Alaska, Hawaii, Idaho, and Washington and Characteristics of Traffic Fatalities Involving Hawaiians and CSET Minorities (**Project Report**).

Sutradhar, D., **Miah, M.,** Chowdhury, G. J., & Sobhan, M. A. (**2015**). Effect of using waste material as filler in bituminous mix design. *American Journal of Civil Engineering*, *3*(3), 88-94 (**Journal**).

Md. Mintu Miah, Md. Tawhidul Islam Tanoy, Md. Sohel Rana "Performance Evaluation of Household Waste Plastic as Additive in the Bituminous Mix Design", International Journal of Scientific & Engineering Research, Volume 7, Issue 1, January-**2016**, pp. 1495-1500, ISSN 2229-5518 (**Journal**).

Md. Mahmud Hasan Mamun**, Md. Mintu Miah**, Muhammad Iftiarul Islam "Present Condition of Road Traffic Accident: A Case Study of Rajshahi City, Bangladesh" International Journal of Computer Applications. Volume 111 – No 7, February **2015**, ISSN: 0975 – 8887 (**Journal**).

Bissojit Kumar Das, **Md. Mintu Miah** "Present Conditions of Most Hazardous Road Intersections: A Case Study of Rajshahi City, Bangladesh", International Conference on Planning, Architecture and Civil Engineering (ICPACE **2017),** Rajshahi University of Engineering and Technology, Volume 1, Issue 1 (**Conference**).

S. M. Z. Tanzim**, M. M. Miah** "Study of Parking Accumulation in Major On-Street Parking Spots in Rajshahi City, Bangladesh", Journal of Construction and Building Materials Engineering, Volume 2, Issue 1, March-2016, pp. 1-15(**Journal**).

Md. Mintu Miah, Md. Abdullah Asad, N. H. M. Kamrujjaman Serker, Tohur Ahmed, "Numerical Analysis of Coupled Shear Wall for Drift Control", Current Advanced in Civil Engineering. Volume 1, Issue 1 Oct. 2013 PP. 27-32 www.vkingpub.com ○ C American V-King Scientific Publishing, ISSN: 2332-998X (**Journal**).

Honors and Awards

2012	Prime Minister Gold Medal Award for scoring faculty highest CGPA, UGC, Bangladesh
2011	University Gold Medal Award for 1st position, RUET, Bangladesh
2011	Dr. Nazrul Islam Gold Medal for excellent performance in academic records, RUET, Bangladesh
2011	Best Student Award, RUET, Bangladesh
2010	Best Student Award, RUET, Bangladesh
2009-2011	University Merit Scholarships, RUET, Bangladesh

Skills

Python, R, SPSS, Arc-GIS, SQL, VISSIM, Trans CAD, C++, Microsoft Office.

Research Interests

Transportation Data Mining and Machine Learning
Transportation Planning
Transportation Network Design, Operations and Management
Autonomous Vehicle
Traffic Safety
Intelligent Transportation System (ITS)
Driving Behavior
Transportation Materials