Rahimi A. Rahman

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Education

Doctor of Philosophy (Ph.D.), Civil, Environmental and Sustainable Engineering   May 2018
Arizona State University, Phoenix, AZ   CGPA: 4.0
Research interest: Engineering Education, BIM Challenges, Problem-based learning

Master of Engineering (M. Eng.), Civil and Environmental Engineering   2014
Saitama University, Saitama, Japan   CGPA: 4.0
Dissertation: "Research on Bicycle Route Infrastructures at Routes with Bus Stops and Signalized Intersections"

Bachelor of Engineering (B. Eng.), Civil and Environmental Engineering   2012
Saitama University, Saitama, Japan   CGPA: 3.5
Dissertation: "Research on Bicycle Safety Measures at Signalized Intersections"

Experience

Teaching Assistant   January 2017 - Present
Arizona State University, Phoenix, AZ

Graduate Research Associate   August 2015 - Present
Arizona State University, Phoenix, AZ

Senior Consultant   April 2015 – July 2015
Fair Consulting Malaysia Sdn. Bhd., Kuala Lumpur, Malaysia

Consultant   April 2014 – March 2015
Fair Consulting Malaysia Sdn. Bhd., Kuala Lumpur, Malaysia

Skills

Languages: Malay (Native); English (Bilingual); Japanese (Full professional)

Computer software: Python; R; Revit; SketchUp; Navisworks; AutoCAD; Primavera; MicroStation, SPSS, Matlab

Professional Organizations

Tau Beta Pi (Engineering Honor Society)   2016 – present

International Student Society of Saitama University   2011 – 2014
President, 2013

Saitama Muslim Cultural Association   2008 – 2014
Secretary, 2011-2012

Selected Publications

Building Information Modelling skills: a social network and job advertisement-based comparative analysis.
Rahman, R. A., Ayer, S. K., Tang, P., & Eicher, M. (2017). Engineering Project Organization Journal 7, p.21 - 36

Prevalent issues in BIM-based construction projects
Rahman, R. A. & Ayer, S. K. (2017). In: Proceedings of Joint Conference on Computing in Construction (JC3) 1, p. 645 – 652.

Comparing Building Information Modeling skills of project managers and BIM managers based on social media analysis.
Rahman, R. A., Alsafouri, S., Tang, P. & Ayer, S. K. (2016). Procedia Engineering 145, p. 812- 819

Experimental research on bicycle safety measures at signalized intersection.
Rahman, R. A., Kojima, A., Kubota, H. (2013). Journal of the Eastern Asia Society for Transportation Studies Vol. 10, p. 1426-1445