#### Name: Song Wang

**Education**

* + Ph.D., Structural Engineering, Missouri University of Science and Technology (MST), 2018
	+ M.S., Structural and Earthquake Engineering, State University of New York at Buffalo (UB), 2012
	+ B.S., Civil Engineering, Shandong University of Science and Technology (SDUST), China, 2010

#### Academic experience

* + Georgia Southern University (GSU), Visiting Assistant Professor, 08/2018 – present, full time
	+ Missouri University of Science and Technology, Graduate Research Assistant, 01/2013 – 06/2018, full time
	+ Missouri University of Science and Technology, Graduate Teaching Assistant, 09/2013 – 12/2017

#### Non-academic experience

* + Qingdao Architectural Design Institute Group, China, Assistant Structural Engineer, 03/2011 – 06/2011, part time (internship)

Job Description: Designed two RC residential buildings using SAP2000 for structure design and AutoCAD for drafting

* + Qingdao No. 1 Construction Group, China, Assistant Project Engineer, 07/2009 – 08/2009, part time (internship)

Job Description: Interpreted work drawings, assisted senior engineers to solve issues from craftsmen and write reports

#### Certifications or professional registrations

* + Engineer-In-Training, Arkansas, 2018 (#EIT 8837)

#### Current membership in professional organizations

* + General member in Chi Epsilon

#### Honors and awards

* + Third prize in Academy Poster Contest, MST, 2015
	+ Excellent Graduate, SDUST, China, 2010
	+ National Scholarship, SDUST, China, 2009

#### Service activities

* + Volunteer interviewer for university scholarship showcase, GSU, 12/2018
	+ Proctor for high school students math exam, MST, 03/2017
	+ Proctor for Missouri Superpave test, MST, 01/2014 – 05/2018

#### Publications

* + **Wang, S.** and ElGawady, M. (2019), “Effects of Hybrid Water Immersion, Environmental Exposures and Axial Load on the Mechanical Properties of Concrete- Filled Epoxy-based Glass Fiber Reinforced Polymer Tubes.” *Construction and Building Materials*, volume 194, pages 311-321*.*
	+ **Wang, S.** and ElGawady, M. (2019), “Durability of hollow-core GFRP-concrete-steel Columns under Severe Weather Conditions.” *Journal of Composites for Construction,* volume 23, issue 1.
	+ **Wang, S.** and ElGawady, M. (2018), “Effects of Combined Environmental Exposures and Axial Load on CFFT.” *Construction and Building Materials*, volume 184, pages 524- 535.
	+ **Wang, S.**, ElGawady, M. (2019), “Durability Performance of Epoxy-based and Polyester-based CFFTs Subjected to Harsh Weather Exposure and Axial Load.” In: *Transportation Research Board*, TRB 2019, Washington, D.C., United States.
	+ **Wang, S.**, ElGawady, M. (2018), “The Influences of Mechanical Load on Concrete- Filled FRP Tube Cylinders Subjected to Environmental Corrosion.” In: *Taha M. (eds) International Congress on Polymers in Concrete (ICPIC 2018)*, ICPIC 2018, Springer, Cham.
	+ **Wang, S.**, ElGawady, M. (2017), “Durability of Polyester-Based GFRP Subjected to Hybrid Environmental and Mechanical Loads.” In: *Tran-Nguyen HH., Wong H., Ragueneau F., Ha-Minh C. (eds) Proceedings of the 4th Congrès International de Géotechnique - Ouvrages –Structures*, CIGOS 2017, Lecture Notes in Civil Engineering, vol 8. Springer, Singapore.
	+ **Wang, S.** and ElGawady, M. (2017), “Durability of HC-FCS cylinders subjected to hybrid environmental and mechanical loads.” *4th International Conference on Smart Monitoring, Assessment and Rehabilitation of Civil Structures (SMAR)*, September 2017, Zurich, Switzerland.
	+ **Wang, S.** and ElGawady, M. (2017), “Combined Seawater Exposure and Axial Cyclic Load Behavior of Concrete-Filled FRP Tube (CFFT).” *16th World Conference on Earthquake Engineering(WCEE)*, 09-13 January 2017, Santiago, Chile.
	+ **Wang, S.** and ElGawady, M. (2015), “Effects of Combined Environmental Exposures and Axial Load on CFFT Columns.” *5th International Conference on Construction Materials (ConMat): Performance, Innovations and Structural Implications*, 19-21 August 2015, Whistler, BC, Canada.

#### Professional development activities

Workshop about hybrid-simulation at Lehigh University