Assoc. Prof. Wei Song
Department of Civil, Construction, and Environmental Engineering,
The University of Alabama, Tuscaloosa, USA

Prof. Wei Song is currently an associate professor in the Department of Civil, Construction, and Environmental Engineering at The University of Alabama in the United States. He received both B.S. and M.S. from Tongji University, China, and Ph.D. from Purdue University, USA. His research interests are:

- Advanced damping and sensing technologies to improve structural resilience
- Data analytics for sustainable infrastructure and smart cities, based on artificial intelligence, informatics, and machine learning approaches
- Advanced dynamic experimental platform for complex structural systems

Positions Available:
Prof. Song is constantly seeking enthusiastic and highly motivated individuals to join his research group as Ph.D. students. The required qualifications include:

- Hold a Master's degree with research experience on structure related areas (buildings, bridges, underground structures, etc.)
- Good experimental skills and has laboratory/field research experience
- Good communication skills and team work spirits
- Strong academic motivation and determination
- Initiative to learn new methods and perform work efficiently and carefully

Any of the following qualifications is a plus:
- Strong background in structural dynamics or machine learning
- Proficient in at least one structural analysis package (ABAQUS, ANSYS, LS-DYNA, etc.)
- Proficient in at least one programming package (MATLAB, Python, etc.)

Individuals with strong background in mathematics, statistics, and data analytics are highly encouraged to apply. If you are interested, please send your CV, transcripts, and GRE&TOEFL scores to wsong@eng.ua.edu.