

Ph.D. Research Assistant Position @ UD

The research group of Prof. Shangjia Dong at the University of Delaware (UD) is looking for two fully-funded Ph.D. students in the area of smart urban resilience starting Fall 2022. The admitted candidates will enroll in the Ph.D. program in Civil Engineering (Critical Infrastructure System/Transportation) at the University of Delaware. The admitted candidates will work on interdisciplinary human and infrastructure resilience research to derive smart and equitable solutions for the resilient operation and design of urban systems.

Requirement: Prospective students must have a bachelor or master's degree in related fields, such as civil engineering, industrial/systems engineering, computer science, applied mathematics and statistics, network science, geoscience. The candidate should have strong programming and analytical skills. We are particularly interested in candidates with knowledge in one or more of the following areas: optimization, deep learning, network science, and data science.

The University of Delaware founded in 1743, UD is a private-public research university located in Newark, Delaware. Newark, DE locates roughly halfway between Philadelphia (45 miles away) and Baltimore (55 miles away). UD Dept. of Civil and Environmental Engineering conducts cutting-edge interdisciplinary research. UD Disaster Research Center (DRC) is the first center in the world devoted to the social scientific study of disasters.

Dr. Shangjia Dong is currently an assistant professor at the Department of Civil and Environmental Engineering at the University of Delaware. He is also a core faculty member of the Disaster Research Center and a faculty member of the Sociotechnical System Center. His research has been published in top journals, such as Journal of Royal Society Interface, Computer-aided Civil and Infrastructure Engineering, Sustainable cities and Societies, and Transportation Research Part C, etc. For more information, please visit <http://dongresearch.com/>

Interested candidates please send your cover letter and CV to [sjdong\(at\)udel.edu](mailto:sjdong@udel.edu). Due to the large volume of emails, I apologize for not replying to all individual inquiries I have received.

