

Zhexiong Shang

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Education

Ph.D. student in Construction Management University of Nebraska-Lincoln	Present
M.S. in Construction Management Central South University	2013
Bachelor in Civil Engineering Changsha University of Science and Technology	2010

Experience

Research Assistant at BiiM Lab University of Nebraska-Lincoln, Lincoln, NE.	Present
Assistant Facility Manager Bank of Communication, Changsha, China.	Jan 2013 — May 2013

Research Interest

- o 3D Visualization and Animation of Construction Site
- o NDT using image processing and computer vision
- o Infrastructure Inspection with UAV

Publications

- o **Shang, Z.** and Shen, Z. (2016). "A Framework of Site Safety Assessment Model using Statistical 4D BIM-based Spatial-temporal Collision Detection" Construction Research Congress 2016. May 31- June 2, 2016, San Juan, Puerto Rico.
- o Na, R., **Shang, Z.**, Shen, Z. (2016). "Time-lapse of Cavity Brick Wall Temperature Profiles Using Infrared Thermography". Associated Schools of Construction-Proceedings, April 13-16, 2016, Salt Lake City, UT
- o **Shang, Z.** and Shen, Z. (2014). "Critical Success Factors (CSFs) of BIM Implementation for Collaboration based on System Analysis." Computing in Civil and Building Engineering, pp.1441-1448. June 23-25, 2014, Orlando, Florida.

Honors/ Awards/Certificates

- o NI Certified LabVIEW Associate Developer (CLAD), 2016 – 2018.
- o OSHA 10 Hours Construction Safety and Health Training Certificate, Omaha, USA, 2015
- o Outstanding Graduate, Central South University, China, 2013
- o Winner of National Post-graduate Mathematical Contest in Modeling, China, 2011