

Li Ge

CONTACT INFORMATION	Department of Structural Engineering Irwin & Joan Jacobs School of Engineering University of California, San Diego, United States	office: Calit2 2nd floor mobile: 858-888-2583 e-mail: lge@ucsd.edu
RESEARCH INTERESTS	Simulation based design, finite element method, computational mechanics, structural analysis, computer graphics, scientific visualization	
EDUCATION	TSINGHUA UNIVERSITY B.S. in Hydraulic Engineering, 2010	BELJING, CHINA
	UNIVERSITY OF CALIFORNIA, SAN DIEGO Ph.D. in Structural Engineering, Sep. 2010 – present	CA, UNITED STATES
	<ul style="list-style-type: none">• Expected graduation date: Sep. 2015• Advisors: Professor Falko Kuester	
HONOURS AND AWARDS	2nd prize in 24th National Undergraduate Physical Contest of China, 2007 Scholarship of Freshman, Tsinghua University, 2007 Scholarship of Comprehensive Excellence, Tsinghua University, 2007 Scholarship of Yalong River Hydropower Development, 2008 3rd prize in 7th National Zhou Peiyuan Mechanics Competition of China, 2009 Sports Star, Tsinghua University (Granted to 10 most outstanding athletes only), 2009 Research Award, University of California, San Diego, 2010 – 2011 Graduate Student Researcher, University of California, San Diego, 2011 – 2012	
RESEARCH ACTIVITIES	<i>Traffic Flow Data Mining and Analysis</i>	Sep. 2008 – Feb. 2009
	<ul style="list-style-type: none">• Studied the traffic system PeMS(Performance Measurement System) of California(U.S.).• Finished a report which illustrated framework and mechanism of the system.• Put forward suggestions to the construction of traffic system of Shangdong province.	
	<i>Finite Element Analysis Study</i>	Mar. 2009 – Jul. 2009
	<ul style="list-style-type: none">• Constructed a finite element model of reinforce concrete beam-column joint• Analyzed the sensitivity of the radius of the rebar which connects the beam and column.	
	<i>Web2.0-based Construction Management System</i>	Sep. 2009 – Jun. 2010
	<ul style="list-style-type: none">• Designed and implemented a construction management system based on Web2.0 concept.• The platform integrate Social Network Service (SNS) elements such as blog, tweets into the work flow.• User is able to define new work flows via a graphic interface.• WAMP technology is used on server side, Silverlight technology is used on client side.	
	<i>SketchIT Project</i>	Oct. 2010 – present
	<ul style="list-style-type: none">• Designed and implemented a sketch-based modeling and simulating tool for structural static and dynamic analysis.• Auto mesh generation and finite element method is implemented to do the structural analysis.• System is web browser based, html5 technology is used on client side while apache server runs on the Linux.	
PROGRAMMING	C, C++, Javascripts, Matlab, Linux shell, PHP, Tcl, C#, HTML, CSS , $\text{\LaTeX} 2_{\epsilon}$.	
HOBBY	basketball, reading, programming	