

## General

- Name: Zhang Guanghui
- Gender: Male
- Birth: 10/09/1988
- Current Highest Degree: Bachelor's Degree
- Pursuing Degree: Ph.D.
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## Education

2004.9 - 2007.6, Santai National High School, Sichuan, P. R. China

- Got the highest score in the Xiangyang Secondary School to be admitted into Santai National High School and won the full fellowship for three years' High School Study (tuition waive)

2007.9 - 2008.8 and 2009.6 - 2011.6, majored in Civil Engineering at Southwest Jiao Tong University (SWJTU), Chengdu, Sichuan, P. R. China

### Academic:

- Top prize in the SWJTU National College English Competition, 05/2010
- Top prize in the section of high-rise building design and the second prize in the section of bridge design in the "2010 SWJTU Structural Design Competition", 05/2010.
- founded "Team of Legend" for the "Dynamic Designs" seismic structure competition organized by British Consulate and University of Bristol, the second place in the presentation part of the competition, overall winner, awarded scholarly visit at University of Bristol, 11/2010
- Won scholarships for all semesters, including Mao Yisheng Engineering Education Scholarship
- Graduated with Mao Yisheng Honour Class
- The average score of all courses in SWJTU is 87.1, ranked 3 out of 30 among the Mao Yisheng Honour class.

### Social:

- 2007.10-2007-12, volunteered in "the home of love" charity institution affiliated to China Soong Ching Ling Foundation.
- 2007.9-2008.6, member of Survey Club in SWJTU, organized major activities, like 2007 Survey competition, etc.
- 2008.5-2008.7, volunteered in Xiangyang Secondary School in Wenchuan Earthquake-stricken Zones, Sichuan Province, P.R. China.
- 2009.9-2009.11, worked as a part-time assistant in the foreign affairs office in SWJTU, deal with foreign student affairs and assisted in the SUNY Teachers Visiting China Program
- 2010.4, volunteered in the "Home of Ankang" Orphans' School in Chengdu.

- 2009.9- 2010.6, vice monitor of the Mao Yisheng Honor Class.

2008.8 - 2009.6, participated in CSC-SUNY China150 exchange program and studied in the Canino School of Engineering Technology, the State University of New York at Canton (SUNY canton), New York, USA

Academic:

- Won second place in the Steel Bridge Competition in SUNY Canton, 2008.10-2008.11
- The 7th place in the NYSMATYC math competition in New York State, 05/2009

Social:

- 2008.11-2009.6, established Chinese Culture Club (3C) and served as president, organized Chinese culture exhibitions, Chinese-teaching sessions, Mid-autumn culture show, Lunar New Year Gala, etc.
- 2008.9-2009.5, volunteered to tutor students in the Math Lab in SUNY canton and helped Mathematics Department host High School Students Math Competition.

## Research Experience

2009.9-2010.4, research assistant

I participated in “10th Key Lab Open to Undergraduate Program”, joining the Research Group of Professor Liao Haili and working as a research assistant in the Wind Tunnel Research Centre. Actively engaged in several research projects, including “Vibration Features of Xihoumen Long-span Suspension Bridge”.

2010.6-2011.6, research assistant

I participated in the “11st Key Lab Open to Undergraduate Program”, researching on Seismic Structure Behaviour of Reinforced Concrete Structure and seismic isolation in the Structural Engineering Laboratory and Earthquake Engineering Technology Center at SWJTU. As an assistant, I took part in the project of “Design and Construction for Dujiangzhichun Apartment Rehabilitation-Isolation and Strengthening”. And I co-authored the Chinese and English version of the paper titled “Plane Torsion of Huge Railway Station Structure Caused by Earthquake”. It was published in the 8th China National Earthquake Engineering Conference in December 2010.

2010. 5-2011.6, SRTP student

I participated in SRTP (Student Research Training Program) and researched on the shrinkage and creep of Steel-Concrete Composite Structure

2011.8-present, PhD student in Nanyang Technology University

## **Publications**

[1] Yang C, Gao XL, Li L, Zhao SC, Zhang GH, Li YM. Plane torsion of huge railway station structure caused by earthquake. Journal of Civil, Architectural & Environmental Engineering. 2010, 32, (supII), 281-283 (in Chinese)

[2] Zhang, G.H. & Li, B. Corrosion of Stirrup and its Effect on Seismic Fragility of Existing RC Column. Risk Analysis 2014 Conference, 2014