

Zhiyi Tang

Ph.D. Candidate, HIT

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Research Interests

Structural Health Monitoring, Machine Learning

Education

Harbin Institute of Technology

Harbin, China

Sept 2016 - Now

Ph.D., Engineering Mechanics

- Thesis: SHM Data Mining

- Advisor: Yuequan Bao

Harbin Institute of Technology

Harbin, China

Sept 2014 - July 2016

M.S., Civil Engineering

- Thesis: Blind Source Separation of Bridge Multi-Vibration

- Advisor: Hui Li

Harbin Institute of Technology

Harbin, China

Sept 2009 - July 2013

B.S., Theoretical and Applied Mechanics

- Thesis: Long-Span Bridge Aerodynamic Damping Analysis

- Advisor: Hui Li

Work Experience

Tibetan Traditional Medical College

Lhasa, China

Aug 2013 - July 2014

Volunteer Teacher

- English Teaching, Non-Profit Public Service Activities

- Manager: Tsering

Teaching Experience

Harbin Institute of Technology

Harbin, China

Sept 2016 - Nov 2016

Teaching Assistant

- Developed course material and assignments for structural health monitoring of civil infrastructure

- Instructors: Hui Li, Yuequan Bao

Award and Honors

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| JSTI co. Structural Health Monitoring Graduate Fellowship (3 over 200+ yearly) | 2016 |
| HIT Graduate Scholarship | 2014 - 2016 |
| Source of Love Scholarship for Volunteers | 2014 |
| HIT Best Thesis for Undergraduate (100 over 6,000+ yearly) | 2013 |
| Xianzi Zeng Scholarship for distinguished undergraduates | 2010 - 2013 |
| HIT Dong Liang Scholarship for top grades undergraduates | 2010 |

Computer Skills

Python, MATLAB, JavaScript, R, ANSYS, HTML, CSS, \LaTeX , Linux, Mac