

Pingbo Tang

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Objective:

A technical position in a transportation infrastructure management institution requiring both profound bridge engineering background and extensive computer skills.

Education:

2005 to present	Carnegie Mellon University, Pittsburgh, PA 15213, USA Civil and Environmental Engineering, PhD Student, Advanced Infrastructure System Group, GPA: 3.83/4.0
2002 to 2005:	Tongji University, Shanghai 200092, China Master of Science with a focus on Bridge CAD technology, GPA: 83/100
1997 to 2002:	Tongji University, Shanghai 200092, China Bachelor of Science, Building Engineering, GPA: 3.12/4.0

Professional experience:

July 2005 to present	Carnegie Mellon University, Civil and Environmental Engineering Research Assistant , Laser Scanning Data Collection and Accuracy Analysis for Highway Bridge Inspection, Building Information Modeling for Construction and Infrastructure Management, Geometric Information Retrieval from 3D Data Sets
May 2003 to Dec 2003	Tongji Bridge Design Institute , Shanghai, China Bridge Engineer , Design of Curved Bridges for Shanghai Finance University
Sept 2002 to Apr 2005	Bridge Engineering Department at Tongji University , Shanghai, China Research Assistant , Model Based Bridge CAD Theory Research

Summary of Qualifications

Mathematics: Excellent mathematic skills, abundant experiences with major math software (Matlab, Maple). My score in the Mathematics Examination of the Graduate Entrance Examination ranked the first in Tongji University.

Computer Skills: Image processing and 3D data processing skills, programming languages (Java, C, MATLAB, Python), extensive knowledge about integrating multiple software packages for developing solution for specific engineering problems, UML Modeling, 3 years of experiences with AutoCAD,

Civil Engineering: Abundant experiences in bridge design, structure analysis, construction surveying and construction supervision.

Honors

Dean`s Fellowship, Carnegie Mellon University, 2006-2007

Phi-Kappa-Phi Society Member, 2007

Jidian Liang Fellowship, Carnegie Mellon University, 2005

Guanghua Excellent Graduate Fellowship, Tongji University, 2004

Scholarship for Academic Excellent Student of Tongji University, Third Prize, 1999, 2000, 2001

Scholarship for Academic Excellent Student of Tongji University, First Prize, 1998