

## Curriculum Vitae

Qi Wang

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### Summary

- Proven high achiever with knowledge of project construction, gained as an intern on the Xi'an–Baoji Expressway Reconstruction Project (A segment of the Lianyungang—Korgas Expressway).
- Excellent Civil Engineering background combined with fluency in Chinese and English.
- Skilled at learning new concepts quickly, working well under pressure, and communicating ideas clearly and effectively.
- Experience with open channel flow, pipe flow and building foundation design software.
- Excellent working skills on teams and individually.

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### Education

2010-2013

#### **Bachelor of Science in Civil Engineering**

*Northern Arizona University, Flagstaff, Arizona*

Major in Civil Engineering

Cumulative G.P.A. : 3.82/4.00

Capstone Project : PCI Big Beam Contest

Expected Graduation date: May 9<sup>th</sup>, 2013

#### **Bachelor's Degree in Civil Engineering**

2009-2010

*Xi'an University of Science & Technology, Xi'an, Shaanxi, China*

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### Experience & Research

#### **Internship at Xi'an-Baoji Expressway Reconstruction Project Management Department, Shaanxi Provincial Expressway Construction Group CO.**

2012

- Worked directly with managing engineer to provide quality control of asphalt, subgrade material, and Portland cement concrete.
- Wrote reports concerning testing results, with error summaries.
- Worked directly with supervising engineer to participate in the construction of bridges, reinforcement of construction waste materials, construction of gravel subgrade, and paving of the road surface.
- Prepared reports documenting bridgework, paving construction, and fill construction.

2012

**Utilization of construction waste in highway construction (Research), Xi'an-Baoji Expressway Reconstruction Project Management Department, Shaanxi Provincial Expressway Construction Group Co.**

- Participated in an on-site investigation of the distribution and burial depth of solid waste.
- Studied and participated in the construction of reinforced solid waste by using lime-soil compaction piles, gravel piles and cement fly-ash gravel piles.
- Assisted the supervising engineer to provide quality control on the filled subgrade and original subgrade.
- Worked as an intern to record experimental and construction solid waste disposal data using spreadsheets.

2011

**Study of epoxy asphalt applied as a bridge deck pavement (Research), Xi'an-Baoji Expressway Reconstruction Project Management Department, Shaanxi Provincial Expressway Construction Group Co.**

- Studied the pavement and roller compaction processes in epoxy asphalt.
- Assisted the supervising engineer by performing an examination of the epoxy asphalt road surface.
- Collected data on epoxy asphalt quality control.

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**Memberships & Affiliations**

- Dean's list, Northern Arizona University, 2010-2012
- Member, American Society of Civil Engineer, Northern Arizona University Student Chapter, 2011- present

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**Skills**

- Auto CAD Civil 3D 2012/2013
- Bentley Flow-Master Software
- RetainPro 10 Software
- Microsoft Office Software

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**Related Engineering Courses**

- Geotechnical Engineering I
- Geotechnical Engineering II
- Geotechnical Engineering Lab
- Structural Analysis I
- Structural Analysis II
- Concrete Design
- Highway Engineering
- Hydrology