

## **Mengxi Du**

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### **Qualification Summary**

- Effective communication skills, fluent in English and Chinese
  - Familiar with Microsoft Offices, Auto CAD, SOLIDWORKS, Structure and Hydraulic program
  - Motivated and detail-oriented working skills on teams and individually
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### **Objective**

Looking for advanced study opportunity in civil engineering field.

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### **Education**

**[Northern Arizona University, 2011-2014, Flagstaff, AZ]**

- Major in Civil Engineering
- Minor in Mechanical Engineering
- Cumulative G.P.A.: 3.76/4.00
- Expected Graduation Date: May 10<sup>th</sup>, 2014

**[Xi'an University of Science and Technology, 2010-2011, Xi'an, China]**

- Major in Civil Engineering
  - Expected Graduation Date: May 10<sup>th</sup>, 2014
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### **Skills**

- Auto CAD 2012/2013 (Include Autodesk Civil 3D)
  - SOLIDWORKS software (Include SOLIDWORKS Simulations)
  - Geographic Information System (GIS)
  - Bentley Flow-master Software
  - SAP/RISA Structure Analysis Software
  - Response 2000
  - Microsoft Office Software
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## **Employment Experience**

Undergraduate Research Assistant, Flagstaff, AZ

August 2013- Present

Research Assistant for Dr. Chun-Hsing Jun Ho in Northern Arizona University

- Research and Analysis on Thermal Snow Melting System in North Arizona
  - Research and Lab Experience on Asphalt Pavement
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## **Honors, Award, and Activities**

- *2013 Arizona Material/Pavement Conference* Student Poster Competition 2nd place
  - *Dean's List* for academic excellence: 2011-2013
  - *ASCE* Member: 2012- present
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## **Publications/Presentations**

- Ho, C.H., **Du, M.**, Shan, J., and Ishaku, D.I., “*Use of Heating Facilities in Sidewalks to Improve Pedestrian and Bicyclist Safety.*” Accepted for presentation (#1234-111) in the 2014 Annual Meeting of the Transportation Research Board.
  - Ho, C.H., **Du, M.**, Shan, J., and Ishaku, D.I., “*Experimental Study of Hydronically Heated Sidewalks in Northern Arizona*” Accepted for presentation and publication (paper #173) in the 2014 ASCE Transportation and Development Institute Congress.
  - **Du, M.** “*Experimental Study of Snow Melting System in Concrete Pavements in Northern Arizona*” Poster presentation in the 2013 Arizona Material/Pavement Conference.
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