

Diwei Chen

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Education

China-United States Dual Degree Program Graduation, May, 2013
Northern Arizona University, Flagstaff, AZ *Hefei University of Technology, Hefei, China*
Bachelor of Science: Civil Engineering **Bachelor of Science:** Civil Engineering,
Cumulative GPA: 3.87/4.00

Experience

United States Forest Department, Flagstaff AZ Sep, 2012 – April, 2013

Capstone Project: Ashfork Bainbridge Steel Dam Structural Evaluation

- Survey and research the hydraulic and geotechnical condition of the existing bridge
- Conduct 100-year flood hydraulic evaluation based on the existing document provided by US Forest
- Structural Analysis modeling with SAP 2000 software with finite element method.

AADRI Co., Ltd, Hefei, China June, 2012 – August, 2012

Summer Internship

- Assistant of Senior Engineer, working on PKPM model design and verify important computed values
- AutoCAD Drawer assistant and field surveyor for the vertical view of Central Square project
- Prepared report and meeting for design team with People's Air Defense Department

Southern California Institute of Architecture July, 2011-August, 2011

Summer Architect Training, Making and Meaning Program

- Study with Alexis Rochas in Southern California Institute of Architecture for hand making modeling
- Test the material properties for space expression for points, lines and surfaces
- Study on concrete space expression as a design unit

Hefei University of Technology October, 2009- April, 2010

Community Activities

- Video Editor for Student Union of HFUT
- Director of the 2009 University Orientation Event.
- University honored host for Christmas event, Ship Modeling Competition, Debate Competition.

Skills

- Software: AutoCAD, AutoCAD Civil 3D, SAP 2000, RISA 2D and 3D, ANSYS, Bentley-Flow Master, Retain Pro10, 3D Max, MAYA, Photoshop, C/C++ language, Office Programs
- Fluent in Chinese and English

Memberships & Affiliations

- University-Class honored Host for Hefei University of Technology
- Event Director of the Student Union of Civil Engineering Branch, Event Planning Department, 2009-2010
- 3rd prize in bridge structural design, Hefei University of Technology, 2009
- Dean's List 2010-2012
- Member of American Society of Civil Engineering Student Chapter, Northern Arizona University, 2009-2012
- Member of National Engineering Honor Society -Tau Beta Pi (Top 5th junior student in Civil Engineering), Northern Arizona University, 2012-2013
- Member of NSCS, Northern Arizona University, 2012