

Sally S. Williams

Current: 1855 Vaness St. #2307, South Bend, IN 46637

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Education

University of Notre Dame

Bachelor of Science in Civil Engineering

May 2012

Masters of Science in Structural Engineering

August 2012-present

Notre Dame London Centre

Summer 2010

Study Abroad Program

Relevant Work Experience

Undergraduate Research

Summer 2011-present

Notre Dame, IN

Research Assistant to Dr. Tracy Kjiowski-Correa

Skills Developed: Algorithm development and computer coding to correct in real-time distortions in GPS systems in health monitoring system for Burj Khalifa; analysis of structural dynamic behavior from full-scale data.

Office of Information Technologies

January 2010-present

Notre Dame, IN

Technology Enhanced Learning Spaces

Student Technician/Student Manager

Skills Developed: IT management and troubleshooting for networked hardware

Activities

Civil Engineering Competitions

Fall 2010 – Spring 2011

Big Beam Contest (PCI)

Skills developed: Engineering design in team setting, technical report writing including design calculations, fabrication and load testing

Awards: 1st place regionally, 3rd place nationally

ASCE Concrete Canoe Competition

Fall 2009 – Spring 2010

Skills developed: Physical construction in team environment, including formwork fabrication, casting, and shoring.

Community Service

2009-present

Communiversy Day, Aiden Project, Habitat for Humanity

On-Campus Activities

2008- present

Brother-Sister Dorm Commissioner, Notre Dame

Women's Boxing Club, Interhall and Co-Rec Sports,

WVFI Writer and Radio Host

Software & Codes/Standards

MATLAB, Microsoft Office, SAP, Google Sketch-Up

PCI, ACI