Danielle Smith

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336 Oakhill Ave, East Lansing, MI 48823

Education

B.S. Biosystems Engineering
Michigan State University
East Lansing, MI
2013 - Present
Expected Graduation: May 2017
GPA: 3.31/4.00

Skills

ArcGIS

Microsoft Office

Storm and Sanitary Analysis

MATLAB

Watershed Delineation

Intermediate Sign Language (Pidgin Signed English)

Time Management

Teamwork

Critical Thinking

Activities

Sigma Alpha Professional Agriculture Sorority
Professional Chair/Member
2015-Present

Williamston Kiwanis Club
Secretary/Assistant Secretary
2014-Present

Biosystems Engineering Club
Member
2016-Present

Objective

Deadline-oriented individual with multiple experiences pertaining to professionalism. Has worked with and for engineers for over a year while also attending Michigan State University full time and holding positions within multiple organizations concurrently. Looking for full time position as an Engineer.

Professional Experience

Intern Engineer
Spicer Group Inc. / St. Johns, MI / Summer 2016

A summer internship in the Water Resources Department of a Civil Engineering Firm. Work related directly to drainage district delineation and mapping of county drains to be reviewed.

- Self-trained to efficiency in ArcGIS and small amounts of Storm and Sanitary Analysis,
- Drainage district delineation and field verification.
- Creation of various forms of maps in ArcGIS for use by County Drain Commissioners.
- Preparation of Hydrology and Hydraulics data such as land use and soil type.

Student Aide
MSU Planning, Design, and Construction / East Lansing, MI / 2015-Present

Year-round job working with Michigan State University engineers and administration to provide clerical assistance on projects.

- Input data and documents into a variety of record keeping programs used by campus engineers and contractors.
- Process invoices by creating requisitions, sending orders to the purchasing staff, and paying bills.
- Audit change orders to check for mathematical accuracy and ensure that contractors meet prevailing wage requirements.

Study Abroad
Ecological Engineering in the Tropics / Costa Rica / 2015-2016

An Ecological Engineering based program focused on International Studies in Biosystems Engineering.

- Analyze Organic versus Conventional Coffee Growth methods for cost efficiency and environmental impact.
- Develop a harvesting mechanism for wetland plants at a research station, reducing harvesting time down to twenty-five minutes from the previous standard of eight hours.