

# Scott W. Schultz

569 Virginia Ave.  
East Lansing, MI, 48823

(248)-917-2973  
schul559@msu.edu

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## Education

**Michigan State University**  
College of Engineering  
*B.S. Biosystems Engineering*  
*Cumulative GPA: 2.99*

East Lansing, MI  
August 2017

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## Experience

### **Fibertec Industrial Hygiene Services**

Holt, MI

Industrial Hygienist

March-August 2016

- Conducted air monitoring for asbestos and lead abatement projects at Michigan State University, Central Michigan University, and the Ford Rouge Plant
- Supervised workers to make sure rules and regulations were being followed
- Self-supervised in most instances with contractors
- Worked alongside environmental engineers and other employees at the Rouge plant to make sure abatement regulations and goals were met
- Certified in the NIOSH 7400 Counting Method
- Certified as an asbestos contractor/supervisor by MIOSHA

### **W.K. Kellogg Biological Station**

Hickory Corners, MI

Algal Biofuel/Nutrient Remediation Research

May-August 2015

- Worked on 2 different research projects pertaining to algal biofuel production
- Partnered with Bell's brewery to see if it was viable to remediate their wastewater with algae while also cultivating said algae for biofuel usage
- Conducted tests on advanced lab equipment (gas chromatographer, spectrophotometer, CASYton biovolume reader)
- Gained experience in algal taxonomy and cell counting
- Frequently worked in teams of 2 or 3 to accomplish experiment goals
- Lead and Co-Authoring 2 different posters pertaining to research
- Both research projects will have papers submitted for review by a science journal
- Completed RCR (Responsible Conduct of Research) Training

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## Skills

- Experienced in using basic and advanced lab equipment
- Competent in all of Microsoft Office
- Prior experience working with statistical analysis in Excel

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## Volunteer Experience

### **Mission Trips**

Clarkston United Methodist Church

- *Joplin, MO*: Helped rebuild multiple individuals' houses/property after tornado June 2012
- *Pontiac, MI*: Constructed a walkway for Grace Centers of Hope June 2011