

# Michael W. Conklin

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## Education

**Michigan State University (MSU)**, East Lansing, MI

- Bachelor of Science in Biosystems Engineering Expected Dec. 2016
  - Biomedical Concentration
  - GPA 3.79/4.00, Dean's List all terms completed to date

## Skills & Certifications

- Certified SolidWorks Training: DASI Solutions August 25, 2016
- Fundamentals of Engineering (FE) Exam: Passed April 9, 2016
- Microsoft Excel, Powerpoint, and Visio
- Knowledgeable in Engineering Sciences: Heat and Mass Transfer, Fluid Mechanics, Thermodynamics, Statics, Electrical Power, Biology, Biochemistry, Biosensor Design, Health Risk Analysis, Design Techniques

## Experience

**Bryan Health**, Lincoln, NE

May-Aug. 2016

Engineering Co-op, 40 hr/wk paid

- Project engineer utilizing Lean, Six Sigma, and Process Management
- Analyzed data and developed solutions to support process improvement
- Communicated and presented projects/assignments to target audience

**Biosystems Engineering Senior Design Project**, MSU, East Lansing, MI

Sept-May 2015/2016

Student engineering project with non-disclosed company, 10 hr/wk unpaid

- Created a new design that improved the production time of a food product
- Researched, developed, and optimized the new design
- Presented and communicated technical information to client

**University of Michigan Health System**, Ann Arbor, MI

May-July 2014

MiChart Activation Team Summer Intern, 40 hr/wk paid

- Learned patient charting system known as MiChart
- Trained and assisted clinical staff in the use of MiChart

**Health, Behavior & Cognition Lab**, MSU, East Lansing, MI

Sept-Dec. 2014/2015

Undergraduate Research Assistant, 9 hr/wk unpaid

- Assisted with research of physical exercise effects on children with (ADHD)
- Provided assistance with EEG capping and data collection

## Leadership & Affiliations

**Kids Without Cancer MSU Chapter**, East Lansing, MI

Sept. 2014-2016

Founder and President

- Founded non-profit student organization
- Organized and lead fundraising events for pediatric oncology research
- Volunteered with pediatric oncology patients

**Biomedical Engineering Society at MSU**, East Lansing, MI

Sept. 2016