

# Matthew E. Lawrence

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## EDUCATION

**Michigan State University**, East Lansing, Michigan

*Bachelors of Science: Mechanical Engineering* (May 2018)

**GPA: 3.42**

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## SKILLS

- Very Experienced in modeling, AutoCad, Siemens NX, Solidworks, and Minitab
- Proficient in utilizing Microsoft Word, PowerPoint, Project and Excel
- Proficient in MatLab

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## WORK EXPERIENCE

**Eberspaecher**; Novi, Michigan

*Quality Engineer Intern*

June 2017-August

2017

- Created a database to track progress of ongoing operations
- Worked in teams on 8D Quick problem-solving projects
- Assisted with Design and Process FMEAs
- Gauged dimensions to confirm control plans were followed correctly

**Masco Cabinetry**; Ann Arbor, Michigan

*Mechanical Engineer Intern*

May 2016-August

2016

- Produced mechanical drawings using AutoCad
- Worked on various cost reduction/quality improvement projects
- Designed production tooling for efficiency in the manufacturing plants
- Generated revision control
- Tested product to reach safety and quality standards.

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## EXTRACURRICULAR

**Introduce a Girl to Engineering**

Spring 2017

- Motivated middle school girls to pursue a STEM degree
- Displayed what engineers do by presenting experiments

**Kids Without Cancer**

Fall 2016 – present

- Planned and executed events to fundraise money for pediatric cancer
- Worked with the board members to generate volunteering and fundraising events

**Meet up and Eat up**

Summer 2016

- Volunteered to help feed and engage in activities with kids in Detroit

**4 Year High School Varsity Soccer, Lead Team Captain**

2011 – 2014

- Responsible for motivating players to work hard
- Set a good example of responsibility and hard work for incoming freshman

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## PROJECTS

**Lazy Susan Cabinet**

- Redesigned Hardware to increase quality and reduce cost
- Produced mechanical drawings of all new parts and updated all existing drawings

**Water Filter**

- Drafted and manufactured a low cost water filter powered by gravity and hydraulic grade line

**ME 280**

- Designed every part of a fishing reel and assembled in Siemens NX

**Simulink**

- Built and programmed a robot to follow a path and perform tasks at hand