

Brett Buswell  
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**Objective:** Summer internship/Co-Op

## Education

Missouri University of Science & Technologies  
B.S Mechanical Engineering (Fall 2017)

January 2015 – Present  
GPA 3.45

College of the Ozarks  
B.S Mathematics/Pre Engineering

January 2012 – December 2014  
GPA 3.64

## Work Experience

***CAMT Research Lab***, Rolla MS&T, February 2016- Present

### *Research Intern*

- Low cost Rapid FDM tooling with ULTEM 1010 thermoplastics
- Used a Stratasys Fortus MC-400 3-D printer to manufacture parts
- Designed, constructed and performed an experiment to find the thermal conductivity of printed ULTEM 1010 samples
- Performed uncertainty analysis and wrote reports for review

***NUCOR Steel***, Blytheville, Arkansas, May 2015 –August 2015

### *Summer Production Intern*

- Added in the manufacturing and processing of tempered, galvanized, and annealed steel.
- Performed quality checks and inspections and attended weekly quality and safety meetings.
- Maintained and repaired line equipment while also learning to track down malfunctioning or broken equipment that was responsible for quality imperfections.

***Chateau on the Lake***, Branson, Missouri, May 2011 –December 2011

### *Maintenance*

- Ensured the upkeep and repair of hotel amenities: rooms, pools, grounds, laundry, restaurant, and convention area
- Responded to guest complaints and service issues
- Administered preventative maintenance on boilers, generators, HVAC systems, kitchen equipment, and rooms

## Technical Skills

Microsoft Office  
SolidWorks/NX

MatLab  
Mathematica

## Honors & Activities

Formula Electric SAE Design Team  
Sigma Zeta Honors Society  
Miner Village Programming Committee

Engineering Without Borders  
Miner Village Housing Association – Governor  
CAMT Research Lab – Low-Cost Rapid FDM Tooling