**Leah Mason**

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| *Permanent:*  4022 Spring Meadow Drive  Ellicott City, MD 21042  (443) 535-5961  leahmason222@gmail.com | *Current:*  602 East 12th Street  Apartment B  Rolla, MO 65401  lmnw9@mst.edu |

**Education**

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| **Missouri University of Science and Technology (MST),** Rolla, Missouri  Ph.D. Candidate in Mechanical Engineering  GPA: 4.0/4.0  Chancellor’s Distinguished Fellowship  Activities:  Volunteer for CAMT Additive Manufacturing Showcase  3 Minute Thesis Competition, Semi-Finalist | Expected May 2019 |
| **University of Maryland, Baltimore County (UMBC),** Baltimore, Maryland  B.S. in Mechanical Engineering  Honors: *magna cum laude*  Tau Beta Pi Engineering Honors Society  Center for Women in Technology Scholarship  *CWIT is a competitive, four-year academic scholarship program dedicated to increasing the representation of women in the engineering and information technology fields*  Activities:  Founding Member of the Archery Club  Student Speaker at College Visit Day | May 2015 |
| **Freie Universität Berlin,** Berlin, Germany  Study Abroad | Summer 2014 |

**Experiences**

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| *Mechanical Engineering Intern,* **Brewer Science,** Rolla, Missouri | June – August 2015 |

* Worked on a collaborative project between Brewer Science and MST
* Investigated feasibility of a polymer-solvent system for use in additive manufacturing
* Conducted experiments with 3 different polymer-solvent materials provided by Brewer Science

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| *Teaching Fellow for Intro to Engineering Science,* **UMBC,** Baltimore, Maryland | August 2013 – January 2014 |

* Held weekly office hours and mandatory discussion sessions for 26 students
* Administered and graded quizzes and homework
* Taught basic 3D modeling in Autodesk Inventor and basic MATLAB programming

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| *NPI Sectors Intern,* **GE Aviation,** Hooksett, New Hampshire | June – August 2013 |

* Operated a Coordinate Measurement Machine (CMM) to inspect new parts
* Created a segment of a new inspection program for the CMM in NX
* Participated in a LEAN Six Sigma Event

**Areas of Knowledge**

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| *3D Modeling:* | NX 9.0, PTC Creo, Autodesk Inventor, Onshape, SolidWorks |
| *Data Manipulation:* | Microsoft Excel, MATLAB, Google Sheets |
| *Language:* | German – Conversational, B1 in Common European Framework of Reference |
| *Interpersonal:* | Dynamic, team-oriented leader, experience with international teamwork and scheduling |