

Cameron McBride

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Current Address

3232 North Quad, 105 S. State St.
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Permanent Address

3473 Summit Ridge Dr.
Rochester Hills, MI 48306

Objective: To obtain an internship to gain experience in industry before going on to a PhD program.

EDUCATION

University of Michigan

Ann Arbor, MI

- **GPA 3.94/4.0**
- Mechanical Engineering, Graduating May 2015
- Minor in Electrical Engineering and German Language

Technische Universität Berlin

Berlin, Germany

Study Abroad

Summer 2012

- International laboratory experience—wood gasification project

EXPERIENCE

3M Company

May 2014—present

Research and Development Intern—Corporate Research Process Lab

- Study, model, and test stress relaxation properties of acrylic based adhesives for double-sided tape using Arrhenius and WLF models for different temperatures and adhesive molecular weights.
- Made a significant contribution to the understanding of the mechanics behind the problem

University of Michigan

Apr 2013—present

Research Assistant with Professor Ellen Arruda

- Designed and implemented a new material testing setup using ultrasonic waves; fabricated and optimized new materials; conducted material properties testing on new materials

University of Michigan Instructional Support Services

Sept 2011—Apr 2013

Media Assistant and Student Shift/Project Manager

- Trained new employees (>35) and led student employee operations for classroom media support

LEADERSHIP

Tau Beta Pi (TBP) Engineering Honors Society

External Vice President

Dec 2013—present

- Coordinate interview committees to select scholarship winners for Leaders and Honors awards
- Organize Fall 2014 SWE/TBP Career Fair including all logistics, operations, and finances

Corporate Relations Officer and Professional Development Lead

Apr 2013—Dec 2013

- Coordinated information sessions and events with corporate representatives
- Point person for communication with companies interested in recruiting members

SWE/TBP Career Fair

May 2013—Sept 2013

Operations Committee

- Organized all operations for the SWE/TBP Career Fair, including parking, shipping, and logistics

Society of Women Engineers (SWE)

Dec 2012—July 2013

Summer Engineering Exploration Camp Logistics Officer

- Coordinated activities for 50 high school students interested in engineering. This included organizing tours, transportation, engineering design challenges, and food arrangements for one week.

PROJECT

Mechanical Engineering 350 Project

Jan 2013—Apr 2013

- Designed and created a mechanism in a team to move a backpack from the back of a wheelchair to the side to assist individuals in a wheelchair

ADDITIONAL

- Proficient in C++, Matlab, Simulink, Solidworks, NX8, Mathematica, MS Office
- James B. Angell Scholar, Dean's list, University honors, recipient of the Lloyd Donnell scholarship for excellence in Engineering Mechanics, 2013 & 2014 University of Michigan Merit Award Scholarship recipient