

# Andrew Brown

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## Objective

Seeking a summer internship position that will present challenging, engaging, and educational opportunities in the engineering field.

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## Education

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

*Expected Dec. 2016*

Bachelor of Science, Biosystems Engineering

- Computer Science Minor
  - Honors College
  - 3.56/4.0 GPA
  - Senior Design Project - Chitosan production from fungal fermentation
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## Experience

**Dairy Plant Technician, MSU Dairy Plant - East Lansing, MI**

*Sept. 2014 - Present*

- Operate ice cream and cheese production and packaging equipment
- Ensure production quality and packaging consistency
- Maintain the cleanliness of machinery through disassembly and reassembly

**Process Technology Co-Op, E&J Gallo Winery - Livingston CA**

*July 2015 - Dec. 2015*

- Assisted in the development and scale-up of new technologies
- Managed portions of ongoing developmental projects
- Analyzed large data sets to validate success criteria using Microsoft Excel
- Communicated project status to upper level management
- Created and executed trials for new wine processing system
- Developed SOPs, Lock-out/Tag-out procedures, and updated P&ID's for new systems.

**Landscaper, Gio's Gardening - Farmington Hills, MI**

*June 2013- Aug. 2014*

- Managed multiple jobs concurrently throughout 5 towns
  - Led small teams to accurately and efficiently complete landscaping jobs
  - Communicated directly with customers to ensure high quality of work
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## Activities

**Beta Theta Pi Fraternity, Vice President**

*Sept. 2013- June 2015*

- Led ceremonies, disciplinary action, brotherhood events, and co-lead chapter meetings
- Managed, coordinated, and recorded community service events/hours for over 50 people

**MSU Men's Rowing Team**

*Sept. 2012- May 2014*

- Fortified self-discipline and teamwork with 5:30am practices
  - Improved time management skills with 18+ hours of practice a week (6 days a week)
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## Skills

Proficient with NX modeling, Python, C++, and LabView

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## Awards

Professorial Assistant Scholarship and STATE Scholarship  
Dean's List (4 semesters)

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