

Jonathon McCormick

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OBJECTIVE

Seeking a research position to further apply classroom concepts and expand my knowledge of the industrial and operations engineering field.

EDUCATION

University of Michigan – College of Engineering, Ann Arbor, MI – 3.8 GPA

Industrial and Operations Engineering Major

Computer Science Minor

Anticipated Graduation: April 2016

Notre Dame Preparatory, Pontiac, MI

High School Diploma, May 2012

International Baccalaureate Diploma, July 2012

WORK EXPERIENCE

Andersen Corporation, Bayport, MN Summer 2014

- Refined my analytical skills in AutoCAD and Excel while working cross-functionally to lead the following two projects:
 1. Relocated a fabrication cell which resulted in improved safety, optimized process flow, and a 90% reduction in remake transportation costs.
 2. Developed a proposal to factory-apply coastal hardware by creating balance charts, performing line-interference testing, and comparing IRRs/payback periods.

Strategic Manufacturing Solutions, Auburn Hills, MI Oct. 2012 – Oct. 2013

- Utilized Create 3D modeling software, AutoCAD, and 3D Ergonomic software as a Create3D Engineer for clients in the automotive industry.
- Collaborated as a team to model assembly plants, assess ergonomic factors, and suggest improvements to our clients for increased efficiency.
- Enhanced my communication skills while working remotely with BOM's as part of the Vehicle Assembly team.

Lost Lake Scout Reservation, Lake, MI Summers 2010 – 2012

- 2012: Managed teams of employees as an area director for the summer program.
- 2011: Taught the fundamentals of climbing, teamwork, and personal fitness as a climbing instructor.
- 2010: Worked as an area instructor to inspire and teach basic scout skills to young children.

LEADERSHIP EXPERIENCE

Tau Beta Pi – The Engineering Honor Society 2015

External Vice President

- My responsibilities include establishing the award committees for the Honors Brunch in March and serving as a director for the Career Fair (in correlation with the Society of Women in Engineering).

Boy Scouts of America – Order of the Arrow 2011 – 2013

Section Vice President

- Managed four geographical lodge consolidations across the lower peninsula of Michigan.

Lodge President

- Successfully merged two district operations equating to a 63% increase in membership.
- Organized events, ran meetings, and planned service projects for a lodge of over 2,400 members.

RELEVANT COURSEWORK

- C++ Programming and Data Structures
- Economic Decision Making
- Operations Modelling
- Probability and Statistics for Engineers
- Introduction to Optimization Methods
- Introduction to Markov Process
- Ergonomics
- Linear Statistic Models

SKILLS

Strong public speaking, team management, and communication skills. Experienced servant leader, dedicated student, and fast learner. Knowledgeable in C/C++ programing and experienced in Adobe Photoshop. Able to creatively analyze and solve problems while multitasking in a fast-paced environment.

ORGANIZATIONS

Active Member, Tau Beta Pi – College of Engineering Honor Society, 2014

Eagle Scout, Boys Scouts of America, 2004-present

Vigil Honor Member, Boy Scouts of America Order of the Arrow, 2006-present