

Erica West

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OBJECTIVE

Interested in obtaining an integrated business and engineering internship for Summer 2020 applying skills in leadership and organization to help the company create a productive and collaborative environment.

EDUCATION

The Ohio State University, Columbus, OH
B.S. Industrial Systems Engineering

Graduation May 2022
Dance Minor

QUALIFICATIONS

Software: AutoCAD Inventor, Solidworks, MATLAB, JAVA, Word and Excel, Illustrator

Coursework: Calculus 1 and 2, Calc based Physics 1 and 2, Fundamentals of Engineering 1 and 2, Intro to Java, Statics and Mechanics of Materials, Linear Algebra, Statistics for Engineers

Spring 2020 Coursework: Engineering Economics, ISE design of work, Spreadsheet Modeling, Numerical Methods, Differential Equations

RELEVANT INTERN EXPERIENCE

National Sintered Alloys, Clinton, CT

Assistant/Intern to the Vice President of Operations May 2019-June 2019

- Researched potential customers and organized leads gaining experience in sales
- Collected data for ISO reports gaining manufacturing safety and precision knowledge
- Traveled to local high school to recruit mechanics gaining experience in human resources

Quality Control Inspector, May 2016-September 2017

- Inspected powdered metal parts for proper sizing and quality; gained skills in precision
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ACADEMIC ENGINEERING PROJECTS

NASA Human Exploration Rover Challenge October 2017 - April 2018

- Senior Capstone Project: approximately 200 hours
 - Designed and Constructed a two-person, pedal powered rover for the NASA Human Exploration Rover Challenge in April 2018 in Huntsville, Alabama
 - Coordinated team meetings, as well as formulated and organized necessary paperwork
 - Planned and Facilitated community outreach presentation at the local middle school
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LEADERSHIP AND INVOLVEMENT

Youth Leader, Rock City Church, September 2018-present

- Attend leadership development events e.g. Motion Leadership Summit (Birmingham, Alabama)
- Lead a group of fifth grade girls every Sunday in small group discussion and activities

AWARES Mentorship Program September 2019-present

- Mentored by Casimira Federspiel, Engineering Manager DHL Supply Chain

STEM Exploration and Engagement Scholars, September 2018-present

Society of Women Engineers, September 2018-present

OTHER WORK EXPERIENCE

Valley Shore YMCA, Westbrook, CT

Camp Counselor, June 2018-August 2018, June 2019-August 2019

- Coordinated groups of elementary school children within various camp activities gaining skills in leadership, patience, and adaptability
- Planned crafts, games, and other activities gaining skills in scheduling/ time management
- Collaborated with other counselors to organize camp wide activities gaining skills in teamwork and event planning

Ekklesia School of Ballet, Killingworth, CT

Costume Coordinator/Office Administrative Assistant, January 2018-June 2018

- Purchased costumes according to performance needs and budget constraints, gaining skills in material purchasing
- Created and Updated costume inventory spreadsheets, using organizational and logistic skills