

KELSEY HOCKSTAD

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OBJECTIVE

To further my mechanical engineering education through hands-on experience.

EDUCATION

University of Michigan – GPA: 3.93/4.00

- ♦ B.S.E., Mechanical Engineering
- ♦ M.S.E., Mechanical Engineering

Ann Arbor, MI
Graduation: May 2015
Graduation: May 2016

INDUSTRY EXPERIENCE

GE Transportation – Emissions Engineer Intern

- ♦ Conducted gauge repeatability and reproducibility tests on emissions testing systems
- ♦ Analyzed engine emissions data using Excel and investigated inconsistent results
- ♦ Resolved errors in inventory data for general emissions testing systems and analysis
- ♦ Digitized gas bottle certification sheets and organized for easy access

Erie, PA
May – Aug. 2014

Accenture – Analyst Intern

- ♦ Kansas Eligibility Enforcement System, Test Team
- ♦ Wrote, uploaded, and executed test scripts using Excel and Rational Quality Manager
- ♦ Discovered and logged defects in system using ClearQuest
- ♦ Updated existing scripts to reflect changes in Detailed System Design documents
- ♦ Corrected errors in Detailed System Design documents, logged respective open design items

Topeka, KS
May – Aug. 2013

COLLEGE ACTIVITIES & LEADERSHIP

Tau Beta Pi – Engineering Honor Society

- ♦ President (*Sept. – Dec. 2014*)
 - Running general body meetings, officer meetings, and advisory board meetings
 - Supervising officers in University of Michigan chapter
 - Representing chapter at National Convention in Spokane, WA
- ♦ New Initiatives Chair (*Jan. – Apr. 2014*)
 - Planned and directed New Initiatives meetings where members discussed new ideas for chapter
 - Followed up with officers and focus groups to ensure action items were met
 - Managed Website Officer, Historian, and Publicity Chair
- ♦ Membership Chair (*Sept. – Dec. 2013*)
 - Tracked all active members' eligibility for various levels of active status using Excel
 - Managed alumni relations by updating and maintaining email lists

Ann Arbor, MI
Sept. 2012 – Present

Society of Women Engineers

- ♦ Public Relations Director (*Sept. 2013 – Apr. 2014*)
 - Organized biweekly seminars for all members with speakers from industry
 - Supervised officers on Public Relations Committee as they organized events to reach out to the society, college, and community
- ♦ Engineering Career Fair Chair (*Sept. – Dec. 2013*)
 - Determined appropriate food and drink amounts for increased size of event
 - Organized purchasing and distribution of food, drinks and other goods
- ♦ Social Chair (*Sept. 2012 – Apr. 2013*)
 - Planned monthly social events for the benefit of our section members
 - Collaborated with other student societies to organize larger, joint events
 - Launched annual Charity Concert featuring live musical groups, benefitting Make-a-Wish Foundation

Ann Arbor, MI
Sept. 2011 – Present

Engineering Class Mentor

- ♦ Class Title: Engineering 100 – Underwater Vehicle Design
- ♦ Served as a mentor and resource for a team building a remotely operated underwater vehicle

Ann Arbor, MI
Sept. – Dec. 2012

COMMUNITY INVOLVEMENT

- ♦ Vinyl Palooza! – organized GE interns as volunteers at fundraising event for Erie's Future Fund (*June 2014*)
- ♦ Science Olympiad coach – 4th & 5th grade students in Ann Arbor (*Feb. - May 2014*)
- ♦ Book Swap volunteer – semesterly venue for students to buy and sell textbooks (*Sept. 2013 - Present*)
- ♦ MindSET volunteer – teaching underprivileged elementary students about engineering (*Oct. 2012 – Present*)