

LANCE W. SCHMIDT

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OBJECTIVE	To obtain a Summer 2015 internship that allows me to utilize and enhance my problem-solving, interpersonal, and critical thinking skills while collaborating with other interns or full-time employees.		
EDUCATION	University of Michigan College of Engineering B.S.E., Mechanical Engineering Cumulative GPA: 3.885	Ann Arbor, MI	April 2016
PROJECTS	<p>ME 250 “M-Ball” Robot - Designed, manufactured, assembled, and tested a robot that would fulfill our specific role within our squad, which was to block the opponents robot from scoring in our basket. In the actual competition, our squad took third place overall.</p> <p>BLUELab Biogas Container - Worked as an ENGR 100 team with four other engineers to design and build a prototype container that would hold biogas, a cooking fuel created from waste, for villagers in Liberia.</p> <p>MSTEM Academy Summer Program - Worked in teams of four to take on a multitude of engineering tasks. This included designing a wooden bridge and programming a water balloon launch. This 6-week program helps to develop essential engineering skills and ensure academic success as an engineer.</p>		
EXPERIENCE	Return Summer Internship - DTE Energy <i>Power Plant Operations - Alarm Management</i> <ul style="list-style-type: none">• Managed alarm frequency data in order to identify possible equipment failure throughout the plant. This project also involved identifying chattering alarms and fixing faulty wiring, allowing the operators to be more productive and tend to more urgent matters.• Developed training material for Supervising Operators and Power Plant Operators regarding the alarm management software.• Worked with engineering team during outages on leak testing and pluggage mapping of the boiler.• Reorganized and improved the plant’s entire key system to allow for more efficient key logging.• Assisted Corporate Safety Team in developing a pilot eyewear protection program for all plant personnel.	Monroe Power Plant, Monroe, MI	May 12 - August 22, 2014
	Summer Internship - DTE Energy <i>Facilities Operations</i> <ul style="list-style-type: none">• Created over 700 assets, created preventative maintenance schedules, and managed work orders. This work aids in the ongoing effort to save money by preventing equipment repair or replacement.• Developed proficiency and learned advanced techniques of Microsoft Excel and DTE’s work management system, IBM Maximo.	DTE Headquarters, Detroit, MI	May 28 - August 16, 2013
COMPUTER SKILLS	<p><i>Platforms:</i> Windows XP/Vista, MAC OS/OSX, Unix - Redhat</p> <p><i>Applications:</i> MS Excel/ Visio/ Project/ AutoCAD/ Inventor/ Microstation/ SolidWorks/ IBM Maximo</p> <p><i>Languages:</i> MATLAB/ C++</p>		
LANGUAGE	Basic Conversational Spanish skills		
ACTIVITIES	Tau Beta Pi Engineering Honor Society , Career Fair Chair CEDO Mentoring Program , Peer Mentor Habitat for Humanity , Volunteer M-STEM Academy , Member	February 2014 - Present September 2013 - Present 2011 - Present June 2012 - Present	
AWARDS	Eagle Scout Rank University of Michigan Dean’s List The BP Award for Achievement (for M-STEM scholars) ScholarPOWER Student Achievement Award, Highest Recognition ScholarPOWER New Student Achievement Award	May 30, 2013 F 2012, W 2013, F 2013, W 2014 September 2013 January 2014 January 2013	