

# LAUREN BILBO

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EDUCATION	<b>UNIVERSITY OF MICHIGAN</b> <b>College of Engineering</b> B.S.E Electrical Engineering, May 2016 <ul style="list-style-type: none"><li>• GPA: 4.0/4.0</li><li>• International Minor</li><li>• Engineering Global Leadership Honors Program Fellow</li><li>• Tau Beta Pi Engineering Honor Society Active Member</li><li>• Eta Kappa Nu Engineering Honor Society Active Member</li><li>• Honors: Tau Beta Pi First Year Award, University Honors and Dean's List</li></ul>	<b>Ann Arbor, MI</b>
	<b>UNIVERSITY OF SALAMANCA</b> <b>Study Abroad Program, Summer 2013</b> <ul style="list-style-type: none"><li>• Completed coursework in Spanish language, Spanish business, and Spanish economy with other international students</li></ul>	<b>Salamanca, Spain</b>
EXPERIENCE	<b>D.C. COOK NUCLEAR POWER PLANT</b> <b>Electrical Engineering Design Intern</b> <ul style="list-style-type: none"><li>• Analyzed plant electrical system by modeling impedance and ampacity of cables with ETAP power system analysis software</li><li>• Performed short circuit and voltage drop analyses using ETAP software to determine the loading requirements of power system components</li></ul>	<b>Buchanan, MI</b>
	<b>SOCIETY OF WOMEN ENGINEERS (SWE)</b> <b>Engineering Career Fair Director, 2014-Present</b> <ul style="list-style-type: none"><li>• Co-lead planning, operation, and publicity of Fall 2014 Career Fair and managed two committees that organized student volunteers and corporate receptions</li><li>• Interfaced with 300 companies attending the fair to coordinate registration, sponsorship, and logistics on the days of the career fair</li></ul> <b>Social Chair, 2013-2014</b> <ul style="list-style-type: none"><li>• Organized monthly social activities designed to create a strong support network for women engineers within SWE and within the larger university community</li><li>• Directed a subcommittee to plan a charity concert, raising over \$500 for the Make-A-Wish Foundation</li></ul>	<b>Ann Arbor, MI</b>
2013-2014	<b>MICHIGAN RESEARCH COMMUNITY (MRC)</b> <b>Peer Mentor</b> <ul style="list-style-type: none"><li>• Hosted two community service events for freshmen in the MRC living community</li><li>• Facilitated a Spanish language study group to cultivate students' speaking skills, using interactive exercises that I developed to engage participants in conversation</li></ul>	<b>Ann Arbor, MI</b>
2013	<b>CENTER FOR ULTRAFAST OPTICAL SCIENCES, UM</b> <b>Research Assistant</b> <ul style="list-style-type: none"><li>• Designed and built an optical setup to be used in experiments investigating the presense of parametric down-conversion of light scattered off of gold nano-rods</li></ul>	<b>Ann Arbor, MI</b>
2012-2013	<b>UM NUCLEAR ENGINEERING DEPARTMENT</b> <b>Research Assistant</b> <ul style="list-style-type: none"><li>• Enhanced an optical setup used to acquire baseline measurements of gas clusters for future research in laser-plasma interaction</li><li>• Analyzed experimental results in varying conditions using optical techniques to determine the optimal trigger timing for ideal cluster formation</li></ul>	<b>Ann Arbor, MI</b>
ADDITIONAL	<ul style="list-style-type: none"><li>• Programming Languages: C++, Matlab, HTML (basic)</li><li>• Foreign Languages: Spanish, advanced proficiency</li><li>• Society of Women Engineers Career Fair Committee Chair</li><li>• Volunteer Abroad in New Delhi, India, August 2014</li><li>• Built a web application at MHacks Hackathon, September 2014</li><li>• Fasciated by learning other languages and exploring other cultures</li></ul>	