

ERIN FLANNERY

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EDUCATION	UNIVERSITY OF MICHIGAN College of Engineering Bachelor of Science Computer Science Engineering, May 2017 <ul style="list-style-type: none">• GPA: Dean's List and University Honors• Admitted into Engineering Global Leadership Honors Program• Marian Sarah Parker Scholar• Electing HKN	Ann Arbor, MI
	TECHNICAL UNIVERSITY OF BERLIN Study Abroad sponsored by the University of Michigan College of Engineering <ul style="list-style-type: none">• Collaborated with an international team of students and mathematically modeled a wood gasification plant (May-June 2014)	Berlin, Germany
EXPERIENCE	TOYOTA MOTOR CORPORATION Engineering Intern <ul style="list-style-type: none">• Recommended targets for improvement in the interior of the car for the next model year of the Camry and Corolla by sorting and analyzing large databases of consumer surveys• Created an operating procedure for measuring and analyzing the surface of a car body with FLIR (Forward looking infrared radiometer)	Ann Arbor , MI
2015		
2014	U.S. NUCLEAR REGULATORY COMMISSION Engineering Intern <ul style="list-style-type: none">• Modeled evacuation time estimates for commercial nuclear power plants using MATLAB• Utilized MATLAB neural network feed forward networks to verify the accuracy of evacuation time estimate reports given by two competing contracted companies.	Rockville , MD
2014-Present	SOCIETY OF WOMEN ENGINEERS-TEAM TECH(SPONSORED BY BOEING) Co-Director/Corporate Liaison <ul style="list-style-type: none">• Redesigned a neurosurgical head clamp with a pressure sensor using LaunchPad to improve patient safety	Ann Arbor, MI
2013-2015	UNIVERSITY OF MICHIGAN RESEARCH COMMUNITY Advisor <ul style="list-style-type: none">• Advised ten freshman, held monthly one-on-one meetings and three office hours• Organized and held monthly research seminars with professors from the University of Michigan	Ann Arbor, MI
2014-2015	UNIVERSITY OF MICHIGAN ENGINEERING STUDENT GOVERNMENT Communication Chair Leader and Senate <ul style="list-style-type: none">• Led and organized community service events for the College of Engineering	Ann Arbor , MI
2013-2014	UNIVERSITY OF MICHIGAN MATERIAL SCIENCE ENGINEERING DEPARTMENT Research Assistant <ul style="list-style-type: none">• Presented at the National Conference for Undergraduate Research in April 2014 in Lexington, KY• Investigated long term culture of spheroid ovarian cancer cells for patient specialized care	Ann Arbor, MI
ADDITIONAL	<ul style="list-style-type: none">• Ernst and Young Women in Technology Consulting Conference (Attended August 2015)• National Association of Engineering Student Council Conference (Attended April 2015)• Channel 7 Brightest and Best: 250 of the best students in the SE Michigan area recognized for their achievement• Competed in Design Immersion, a thirty-six hour design competition with other students at the University of Michigan• Created a web application to showcase study abroad experiences at MHACKS 2015• Proficient in C++ and Matlab	