

MATTHEW RILEY

815 Morris Road • Lapeer, MI 48446-9439
rileyms@umich.edu • (810) 358-1076

EDUCATION	UNIVERSITY OF MICHIGAN College of Engineering Bachelor of Science in Chemical Engineering, April 2016 <ul style="list-style-type: none">• GPA 3.79/4.0• Member of Engineering Global Leadership Honors Program• International Minor for Engineering• Dean's List 4 consecutive semesters• University Honors 4 consecutive semesters• ScholarPower Banquet: New Student Achievement (2013), Undergraduate Junior Student Achievement Award (2014)	Ann Arbor, MI
	PONTIFICIA UNIVERSIDAD CATOLICA MADRE Y MAESTRA Community Health Santiago, Dominican Republic <ul style="list-style-type: none">• Completed coursework in Spanish on diseases, public health, and medical sociology• Gained hands on medical experience through intensive stay in a rural clinic• Promoted safe sex in an underdeveloped community utilizing spanish speaking skills	
EXPERIENCE	TAU BETA PI ENGINEERING HONORS SOCIETY Operations Career Fair Chair/Member 2014-Present <ul style="list-style-type: none">• Managed equipment for 300 companies in the Fall 2014 TBP/SWE Career Fair• Increased student's knowledge of Math 215 through one on one tutoring• Taught and introduced engineering design concepts to local fifth graders	Ann Arbor, MI
2013-2014	UNIVERSITY OF MICHIGAN CHEMICAL ENGINEERING DEPT. Research Assistant Ann Arbor, MI <ul style="list-style-type: none">• Quantified expression level of target proteins (number of proteins per cell) to determine optimal dose of required imaging agents for diseases such as diabetes• Displayed new findings at meetings to graduate students and university faculty• Contributed to a research paper on molecular imaging of beta cells in the pancreas	
2012-2013	ENGINEERING 100: BIOTECHNOLOGY AND HUMAN VALUES Team Member Ann Arbor, MI <ul style="list-style-type: none">• Engaged with team members to research and investigate bronchitis• Constructed a diagnostic test that could diagnose bronchitis pre-symptomatically• Wrote a report on the design and presented to peers and Professors	
2013-Present	SOCIETY OF HISPANIC PROFESSIONAL ENGINEERS Member Ann Arbor, MI <ul style="list-style-type: none">• Aided a Guatemalan community by constructing a drainage pipe and pharmacy• Performed in many volunteer activities such as Habitat for Humanity Re-Store	
2012-Present	MICHIGAN STEM ACADEMY Member Ann Arbor, MI <ul style="list-style-type: none">• Gained preparatory engineering knowledge through an intensive summer camp• Developed team and presentation skills	
ADDITIONAL	<ul style="list-style-type: none">• Computer skills: Aspen, C++, Matlab, Basic Excel, Basic Maple• Proficient in Spanish• Guided and advised incoming freshmen in a common reading experience• Mentored younger members in student groups• Assisted over 60 members of a blind community in Chicago over Spring Break• Volunteered and studied abroad in Guatemala, the Dominican Republic and Peru summer 2014	