

ALYSSA WOO

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Objective	Seeking an internship where I can apply my skills in chemical engineering and/or computer science.	
Education	University of Michigan <i>B.S.E. in Chemical Engineering Winter 2016, Minor in Computer Science</i> <i>GPA: 3.749/4.000</i>	Ann Arbor, MI Sept. '12 – present
Work Experience	Chemical Engineering Department <i>Materials & Energy Balances (CHE230) Tutor</i> <ul style="list-style-type: none">Aid sophomore students in Chemical Engineering understand concepts in Materials & Energy Balances by holding weekly office hours and meeting one-on-one by appointment	Ann Arbor, MI Sept. – Dec. '14
	The Procter & Gamble Company <i>Baby Care Research & Development Intern</i> <ul style="list-style-type: none">Led design of 3 extrusion lamination trials with supplierLed development and validation of tensile strength model for extrusion laminates based on raw material strength and leveraged this model to design optimized design of experiments for third supplier trialIdentified consumer relevant performance measures and utilized these insights to identify a range of laminates to be used for consumer testingDelivered recommendation for overlapping fastening tape to be tested for consumer acceptance, while still delivering expected cost-savings	Cincinnati, OH May – Aug. '14
	The Procter & Gamble Company <i>Supply Network Operations Intern</i> <ul style="list-style-type: none">Created and managed implementation and analysis of vendor-based survey to determine operational partnership to 90 vendors with a total spend of over \$800 millionAnalyzed, consolidated & catalogued global capability database; created user-friendly access to critical documentation for work processes, benchmarking & trainingCreated communication platform to increase overall organization & productivity, and trained regional users on how to access and customizeDeveloped a tool to support comparison of organizational training protocols and required qualifications to identify gaps	Cincinnati, OH May – Aug. '13
	Michigan Research Community <i>Study group leader</i> <ul style="list-style-type: none">Facilitate weekly study groups for Introduction to Computers and Programming for 32 students in the Michigan Research Community and Women in Science and Engineering Residence Programs	Ann Arbor, MI Sept. '13 – Dec. '13
	University of Michigan Medical School <i>UROP Research Assistant, Dr. Ptaschinski Laboratory</i> <ul style="list-style-type: none">Aimed to better understand mechanism by which respiratory syncytial virus (RSV) drives Th2 response in lungs in order to identify target for potential therapeutics	Ann Arbor, MI Sept. '12 – Dec. '13
Leadership Experience	Tau Beta Pi – Michigan Gamma External Vice President (2014) Society of Women Engineers Member Outreach Co-chair (2014-2015), Community Relations Co-chair (2013-2014), SWE/TBP Career Fair Publicity Chair (2013), Summer Engineering Exploration Camp Communications Officer (2012-2013)	
Language	Intermediate French	
Honors	Goldman Sachs SWE Scholarship (2014), Amy Ellen Polk Merit-based Scholarship (2013), Intel SWE Scholarship (2013), University of Michigan Regents Merit Scholarship (2012)	