

Kristen M. Van Tilburg

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Objective	To obtain a mechanical engineering internship for the summer of 2013	
Education	Bachelors of Science in Mechanical Engineering	GPA: N/A
	The Pennsylvania State University, University Park, PA Anticipated Graduation: May 2016	
	State College Area High School , State College, PA	Weighted GPA: 4.62/4.0
	Faculty Scholar Graduate, Class of 2012	
Work Experience	Lawn Maintenance	August 2008-August 2012
	Jack Wallace and Alton Corl, Pleasant Gap, PA - Mowed and raked lawns, trimmed hedges, and weeded to maintain the appearance of the lawns and home exteriors - Balanced an active schedule while remaining conscientious about quality of labor	
Design Experience	Project Manager for WEPO Design Team	August 2012
	- Designed, built, tested, and presented boats created from recyclable materials for competition in speed and weight sustainability	
	Team Member for Raytheon Student Design Team	March 2012
	- Won award for overall excellence in design for the construction of a rubber band launching device superior in length, speed, and accuracy of launch	
	Project Manager for Engineering Design Team	September 2011-May 2012
	- Created a Rube Goldberg Machine which passed a design review by a board of engineers and successfully completed the task of pouring cream and sugar into a cup of coffee	
	- Devised the construction plan and programming of an autonomous VEX robot with the goal of forcing opposing robots out of a ring	
	- Co-lead engineering lessons and activities for third graders at Park Forest Elementary	
Volunteer Experience	Centre Crest Nursing Home Volunteer	2007-present
	- Completed a project involving the design, construction, and installation of informational garden signs used for the education and rehabilitation of residents	
	- Lead hymns and provided music on piano for numerous nursing home events	
	- Assisted in the management of and preparation for resident activities	
	- Earned volunteer of the month status in June of 2011	
	St. John the Evangelist Catholic Church Volunteer	2009-present
	- Acted as camp counselor for vacation bible school	
	- Worked in a team on the food service line at weekly Lenten Fish Fries and as a member of the clean-up crew	
Involvement	- As a member of the 2011 Confirmation class, organized, recruited sponsors for, and volunteered time at a blood drive involving nearly 200 donors	
	Participant, Women in Engineering Program Orientation (WEPO) 2012	
	Participant, Engineering Orientation Program (EON) 2012	
	Member, Apollo Penn State THON organization 2012	
	Member, Society of Women Engineers (SWE) Penn State and National 2012	
	Member, Engineers Without Borders (EWB) Penn State, local projects division 2012	
	Member, American Society of Mechanical Engineers (ASME) Penn State 2012	