

Christine M. Hildenbrand

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EDUCATION	Bachelor of Science in Mechanical Engineering Minors in Engineering Leadership Development and Energy Engineering The Pennsylvania State University , University Park, PA Expected Graduation: May 2015	GPA: 3.64 / 4.00
ACADEMIC HONORS	Penn State College of Engineering Leonhard Honors Program • Active selected member of prestigious Leonhard Honors Program • Collaborate with fellow Leonhard Honors undergraduates, professors and engineers to identify potential College of Engineering improvements Member, National Society of Collegiate Scholars Member, Tau Beta Pi National Engineering Honors Society	August 2010 - Present January 2011 - Present April 2014 - Present
GLOBAL EXPERIENCE	International Engineering Practicum in Budapest, Hungary • Created a village layout for 400 women working for the NutrAfrica company in Ethiopia • Worked with Hungarian business students to develop a business plan • Learned how to work in a diverse international team on a multi-faceted project University of Virginia Semester at Sea Study Abroad Program • Studied various power generation techniques and their economic and ecological impact • Learned about culture and energy resources in 7 Central American countries • Discussed current issues and opportunities with political and industry leaders	May 2011 Summer 2011
ENGINEERING EXPERIENCE	AP1000 Design Process Integration Intern <i>Westinghouse Electric Company</i> , Cranberry Township, PA • Created an interface control procedure to assist functional groups in documenting inputs and outputs at system boundaries • Worked with site engineers to develop a more effective Nonconformance procedure • Supported the design process for Westinghouse's new AP1000 nuclear reactor fleet Systems Reliability Engineering Intern <i>GE Transportation</i> , Erie, PA • Developed a grid box repair procedure and worked with customer for mine distribution • Created cost breakdown and determined key cost-out projects for 2 truck systems • Tracked and updated the reliability scorecard for 2 truck lines to inform the team of recent failures and updates on current projects Mechanical and Reliability Engineering Intern <i>Phillips 66 Bayway Refinery</i> , Linden, NJ • Calculated minimum thickness and modeled replacement options for 3 pressure vessels • Created mechanical drawings for a new vessel and attachments • Analyzed sectors of piping using Caesar II piping program and ASME Code	Summer 2014 Summer 2013 Summer 2012
WORK EXPERIENCE	Disney College Program: Attractions Cast Member <i>Walt Disney World</i> , Orlando, FL	Spring 2012
LEADERSHIP	Ambassador, Penn State's Engineering Ambassadors Mentor and Rover, Penn State Women in Engineering Program Orientation	2012 - Present 2011 - 13
INVOLVEMENT	Member, Penn State Chapter of ASME Member, Society of Women Engineers (National and PSU Chapter) Student Leader, Penn State WEP Girl Scout Saturdays Outreach	2011 - Present 2010 - Present 2010 - 11