

HUONG (LUCY) YANG

Box 0000, 1 Chapin Way, Northampton, MA 01063
978.937.2222 | huyang@smith.edu

EDUCATION

Smith College, Northampton, MA

Bachelor of Science, Engineering Science, emphasis in Mechanics, May 2015 **GPA: 3.60**

Relevant Coursework: Engineering Design Clinic, Simulation and Modeling, Signals and Systems, Technological Risk Assessment, Statistics for Engineers, Mechanical Vibrations, Failure Analysis, Introduction to Hydrosystems Engineering

SKILLS

Technical: MATLAB, Minitab, Neural Networks, ARIMA modeling, familiar with C programming and AutoCAD

Languages: Fluent Spanish; Conversational Portuguese

EXPERIENCE

Engineering Design Clinic, Smith College Picker Engineering Program (Sept 2014 - May 2015)

Project Sponsor: **Kollmorgen Electro-Optical**, Northampton, MA

- Researched current Lean Design practices in engineering industries
- Worked with 3 Design Clinic team members to analyze design processes, identify inefficiencies and recommended improvements based on Lean Design principles
- Co-managed \$5,000 project budget, ensured all project deliverables were completed on-time
- Collaborated extensively with Kollmorgen employees and management
- Developed and presented project deliverables and final recommendations to project sponsor staff

Smith College Picker Engineering Program – Research Intern (June 2013 - May 2014)

- Developed workshop for middle and high school teachers to teach about engineering design and ways to apply in engineering principles in classrooms
- Developed engineering activities for inclusion in novel to introduce engineering concepts to students grades 7-12
- Co-authored ASEE conference paper and poster

Engineering Laboratory of Dr. Jack Jones, Smith College – Teaching Assistant (Sept 2012 - May 2013)

- Prepared materials for professor and students for use in lab sessions
- Assisted professor in answering questions and resolving issues during the laboratory

Curriculum Planning Committee, Smith College – Student Member (Sept 2012 - May 2013)

- Organized logistics for and participated in meetings with faculty
- Served as liaison between committee and student body

ACTIVITIES AND LEADERSHIP

Society of Women Engineers (SWE) – Smith College Student Chapter (2013 - present)

Co-President (2014 - 2015); Vice President & Technology Director (2013 - 2014)

- Served as liaison between Smith College faculty and administrators and SWE chapter members
- Applied for grant and Student Government Association funding
- Planned engineering outreach events

Engineering World Health – Smith College Student Chapter (2013 - 2014)

Vice-President

- Aided with chartering of Smith College chapter