
CINDY ZHANG

zhang.cindy@u.northwestern.edu | 773.934.7510 | linkedin.com/in/zhcindy

EDUCATION

Northwestern University, Evanston, IL	Expected June 2017
McCormick School of Engineering – <i>Bachelor of Science in Mechanical Engineering</i>	GPA: 3.8/4.0
Segal Design Institute – <i>Design Certificate</i>	
The Hong Kong University of Science and Technology, Hong Kong	Aug 2014 – Dec 2014
School of Engineering – <i>Study Abroad</i>	

PROJECT EXPERIENCE

"RIGGED" Fishing System Product Design Evanston, IL	Jan 2016 – June 2016
<ul style="list-style-type: none">• Collaborated with a 4 member team to design a beginner-friendly retail product• Developed and prototyped iterations of a bite indicator supported by user and performance testing• Modeled (CAD) and created visual aids to communicate designs to reviewers, the client, and peers	
Elementary School Toy Design Evanston, IL	Jan 2016 – Mar 2016
<ul style="list-style-type: none">• Designed a plastic injection molded rocket ship toy of 3 fitted parts within a team• Modeled and machined part molds on a CNC mill and manufactured toy parts on an injection molding machine• Conducted production run analysis on a batch of 75 parts to determine reliability of design and machine parameters	

WORK EXPERIENCE

Northwestern University Information Technology, Evanston, IL	Apr 2014 – Present
<i>Learning Spaces Technology Services Consultant</i>	
<ul style="list-style-type: none">• Provide phone, email and in-person A/V support to users of technology spaces on campus• Conduct rounds to ensure all hardware and software of Smart classrooms are in working order	
Digital Media Academy, Chicago, IL	May 2016 – Aug 2016
<i>Lead Instructor (Adventures in 3D Printing, Adventures in Engineering & Electronics with Arduino)</i>	
<ul style="list-style-type: none">• Introduced design thinking and engineering to middle school students through week long tech courses• Taught students skills in 3D modeling and electronics engineering through project based learning	
Feinberg School of Medicine - Simulation Lab, Chicago, IL	June 2015 – Sept 2015
<i>Innovations Lab Summer Intern</i>	
<ul style="list-style-type: none">• Assisted in developing a low-fidelity model for medical education through shadowing client meetings, contributing ideas to the design and manufacturing process, and creating functional mock ups• Designed a personal project in SolidWorks and iterated it twice using a powder plaster 3D printer	

SKILLS

Technical: SolidWorks, Siemens NX/UG, MATLAB, 3D printing, laser cutting, Granta CES, Arduino, soldering, Ableton Live, live sound & lighting, Photoshop, Illustrator, Microsoft Office

Language: Mandarin Chinese (conversational)

Interests: product design, CAD, music technology, mentoring, tech education

HONORS/AWARDS

Dean's List (McCormick School of Engineering): 2013-2016 (7 times)

Engineering Incentive Award (Chicago Engineers' Foundation): 2013-2016 (4 times)

ACTIVITIES

Volunteer at Crossing Borders (2016 – Present)

Dancer and Choreographer of ReFresh Dance Crew and Typhoon Dance Troupe (2013 – Present)

Jr. High Teacher/Counselor at Chinese Christian Union Church (2011 – Present)