Jiaying Wei

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Education :

Franklin W. Olin College of Engineering – Needham, MA   May 2017
Recipient of 4-year, 50% Olin Merit Scholarship
Candidate for Bachelor of Science in Mechanical Engineering
- Coursework includes – Modeling and Simulation of the Physical World, Modeling and Control, Design Nature, and The Human Connection: Tools and Concepts from Anthropology for Understanding Today's World

Blue Valley North High School – Overland Park, KS   May 2013
Graduated 15 out of 378

Experience :

Design Nature Class Project – Olin College   November 2013 – December 2013
- Led team of five in design and creation of llama transporter toy to be presented to fourth-graders
- Group had to conceptualize game idea, create the toy's design, and bring it to life.
- Final game involved large ride-able llama which spit at targets hiding behind mountain set; ranked 2nd among 15 teams.

FIRST Robotics Competition Team 2410 – Overland Park, KS   October 2011 – April 2013
- Program introduces STEM to high school students by having them design a robot in 6 weeks for worldwide competition.
- Webmaster and design/build team member. Designed and implemented team website www.mmr2410.com.

Food Project Kiosk – Olin College   November 2013 – December 2013
- Six member team designed an outreach kiosk for The Food Project, a nonprofit organization focused on urban farming and food justice.
- Team took anthropological approach to design by considering potential users and their needs.
- The Food Project hopes to implement kiosk design in the coming year.

Activities and Clubs :

- Jujitsu and Karate – Spends 6 hours a week studying Jujitsu and Karate, ancient Japanese martial arts, with a focus on self-defense.
- Pickling and Jam – This professor lead co-curricular explores the use of microbes in fermentation.
- Go club – A conglomeration of people who enjoy playing the Asian board game Go.
- Glass club – Meets weekly for members to flame work miniature glass pieces.

Skills :

- Computer: C++, HTML, CSS, MATLAB, LaTeX, SolidWorks, Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Adobe Dreamweaver, Microsoft Office
- Machine Shop: Manual Mill, Manual Lathe, MIG, and Most Woodworking Machinery
- Language : Conversational in Cantonese and Mandarin