

# Jiaying Wei

<http://jiayingwei.github.io/>

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(913) 461-2645

## Education :

### **Franklin W. Olin College of Engineering – Needham, MA**

May 2017

Recipient of 4-year, 50% Olin Merit Scholarship

- 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 :

### **FIRST Robotics Competition Team 2410 :**

October 2011 – April 2013

FIRST Robotics Competition is a program dedicated to introducing STEM to high school students by having them design a robot in 6 weeks for a worldwide competition.

Positions held: Webmaster and design/build team member. Designed and implemented team website [www.mmr2410.com](http://www.mmr2410.com).

### **Design Nature – Llama Team :**

November 2013 – December 2013

I led a team of five to design and create a llama transporter toy. We had a little over a month to conceptualize a game idea, come up with a toy design, and bring it to life. Our final game involved a large ride-able llama which spit at targets hiding behind a mountain set. We invited fourth graders to demo our game and were ranked 2<sup>nd</sup> in overall among 15 other teams.

### **The Food Project Kiosk :**

November 2013 – December 2013

Our six member team designed an outreach kiosk for The Food Project, a nonprofit organization focused on urban farming and food justice. We took an anthropological approach to design by considering our potential users and their needs. The Food Project hopes to implement our 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