

XUN WANG

(312)-662-8834 ■ xunwang96@gmail.com ■ Chicago, IL

Key skills and knowledge areas:

- Solid command of technologies, tools and best practices in designing mechanical equipment using SolidWorks, ANSYS Workbench, and engineering drawings
- Working knowledge of MATLAB and C++
- Strong team collaboration skills. Work closely with team members to achieve engineering goals
- Proficient in oral and written Mandarin
- US citizen

EDUCATION

University of Illinois at Chicago (UIC) – Chicago, IL

Bachelor of Science in Mechanical Engineering (BSME)

Dec 2019

COURSEWORK

Heat Transfer, Fluid Mechanics, Mechanical Vibrations, Engineering Design and Graphics, Mechanisms and Dynamics of Machinery, Intermediate Thermodynamics, Computer-Aided Design, Mechanical Engineering Design

ENGINEERING PROJECTS

Senior Design Project:

September 2018 – Present

Automated Spray for Manufacturing Processes (Freedman Seating Co.) – UIC

- Collaborated with team of 4 to design an automated spray to replace the labor work of applying glue during the manufacturing process
- Designed final prototype for automated spray using SolidWorks
- Completed bill of material using Excel to determine the budget for the materials of the final design
- Assembled automated spray with teammates using basic cutting and drilling tools

Engineering Design and Graphics Project:

January 2018 – March 2018

Dropper Device – UIC

- Collaborated with team of 4 to design a dropper device that can transport an object, drop it off at a designated area, and stop in a stopping zone
- Completed engineering drawing and prototype design using SolidWorks
- Performed cost analysis using Excel to determine budget for materials and labor
- Presented project design to class via PowerPoint presentation

CUSTOMER SERVICE EXPERIENCE

Reseller

September 2015 – Present

Self-Employed

WOOW Japanese Restaurant

June 2016 – August 2016

Server/Busboy