

# KAITLYN KO

E: KAITLYNKO2020@U.NORTHWESTERN.EDU

## EDUCATION

### **Northwestern University** - McCormick School of Engineering

- + Pursuing a dual degree in Manufacturing and Design Engineering and Mechanical Engineering
- + Anticipated Graduation: December 2020
- + GPA: 3.87/4.00

## ENGINEERING EXPERIENCE

### **Mechanical Engineering Intern** - Webb deVlam (Spring 2018 - Summer 2018)

- + Interned for 6 months at a packaging design company
- + Worked on all aspects of the design process - sketch exploration, 3D modeling, rendering, prototyping
- + Exposed to a wide variety of clients and projects

### **Personal Website: kaitlynko.com** (Summer 2017)

- + Designed and created a static, multi-page engineering portfolio website
- + Self-taught technical skills such as HTML, CSS, and JavaScript using online resources

### **Design Project: Dual-Function Stand Up Paddleboard (SUP) Paddle** (Spring 2017)

- + Worked in a team to design and create a dual-functioning SUP (Stand Up Paddleboard) paddle
- + Implemented engineering design process and prepared a finished prototype and powerpoint presentation for client and professors.

### **Design Project: Multi-Touch Stylus for Rehabilitation Institute of Chicago** (Winter 2016/2017)

- + Worked in a team to design and create a multi-touch stylus solution for a patient at the Shirley Ryan AbilityLab with spastic cerebral palsy
- + Implemented engineering design process and prepared a final prototype and poster presentation for the client, judges, and professors

## WORK EXPERIENCE

### **Membership Services & Wellness Suite Representative** - Henry Crown Sports Pavilion (Fall 2016 - Winter 2018)

- + Aided customers in purchasing or registering for programs offered at the Henry Crown Sports Pavilion
- + Assisted customers with any general questions and concerns about the gym's facilities and policies

### **Tutor** - A Plus Tutoring (Summer 2017)

Tutored students (grades 5-7) in basic math and pre-algebra

### **Administrative Aid** - Materials Research Center (Spring 2017)

- + Organized data in informative spreadsheets for projects related to outreach, budgeting & finance, special events, and operations
- + Aided in a capital equipment inventory project

## ACTIVITIES

### **Peer-Guided Study Group Facilitator** (Fall 2017 - present)

- + Facilitate a study group for courses in which I was previously enrolled and excelled
- + Equip students with helpful strategies and resources to succeed in the course

### **'gami** (Spring 2018 - present)

- + Helped start an origami club on campus
- + Serve as chief design officer, developing the club brand and visual outputs

### **Northwestern Women's Club Soccer** (Fall 2017 - present)

### **Project SOAR Mentor** - McGaw YMCA (Fall 2017 - Spring 2018)

One-on-one mentor for youth in the Evanston area to provide friendship and a stable, caring relationship

## TECHNICAL SKILLS

SolidWorks, Keyshot, ArtiosCAD, 3D Printing (Objet & Zortrax), CSS, HTML5, Illustrator & Photoshop, Python