

Carnegie Mellon University

Tepper School of Business,  
College of Engineering,  
School of Design

Master of Integrated Innovation of  
Product and Services

3.63 / 4.0

Dec 2020

Lehigh University

Intercollegiate Program

B.S. in Integrated Degree of  
Humanities and Engineering:  
Mech. Engr. & Product Design

3.37 / 4.0

May 2019

SKILLS

Creativity

User Research

Sketch & Figma

Adobe Ps, Lr, Pr

Final Cut Pro

HTML & CSS

Photography

Film Making

Engineering

Arduino/Particle

Manual Machining

SolidWorks

Fusion 360

Matlab

Languages

Native Chinese

Fluent English

Elementary Japanese

PROJECT EXPERIENCE

Amazon | Kellogg Design Challenge Semi-Finalist

Oct - Nov 2019

- Collaborated with an interdisciplinary team to propose solutions to increase Amazon Prime Video’s usage by leveraging social media users’ sharing behavior
- Conducted primary user research and synthesized research insights into journey maps and personas for social media users and content consumers
- Developed interaction model for sharing video clip with minimum friction
- Managed team meeting minutes and follow-up emails

Formula SAE | Designing Race Car Suspension

Aug 2017 - May 2019

- Lead two team members to design suspension with SolidWorks and SusProg3D
- Collaborated with the team to boost skidpad time by 10% and improved overall team ranking and engineering design ranking by 30 percentiles each
- Tested and Tuned suspension with low-budget solutions like slow-motion video
- Produced promotional video which contributed to a 50% increase in sponsorship

Best of Time | Connect Digital and Printed Photos

Aug - Oct 2018

- Individually designed a cyber-physical solution to streamline photo selecting, printing, and showcasing process
- Surveyed 22 Millennials and discovered the hidden need towards printed photos and painpoint in selecting photos and making albums
- Proposed an algorithm to select users’ favorite photos
- Designed an album showcase stand with SolidWorks and prototyped with 3D printing and spray painting

SusProg3D | New Interface

Jun - Sep 2018

- Redesigned UI for the race car suspension analysis and design software and reduced operation error and operation time by 23% and 50%, respectively
- Conducted user interviews and click stream with two expert users
- Prototyped the new interface with Sketch
- Utilized paper prototype to do usability test

PROFESSIONAL EXPERIENCE

NIO | Intern Engineer & Operation Assistant

May - Aug 2017

- Repaired prototype vehicles at suppliers as a team representative
- Collected and analyzed air suspension data for future development
- Managed Bill of Material for the Chassis Department