

# Shu Ou

Product Designer

Tzuhsiu Ou  
Pasadena, CA

outzuhsiu@gmail.com

626.487.2044

www.shu-o.com

## Skills

### Expertise

Qualitative research  
Rapid prototyping, Usability testing  
Journey mapping, Wireframing  
Information architecture  
Visual communication  
Design strategy, Trend research  
Digital fabrication  
Sustainability strategy

### Tools

Adobe Suite [Photoshop, Illustrator, InDesign]  
Sketch(App), Adobe XD, Figma  
Basic HTML and CSS  
CAD [SolidWorks, Rhino, ProE, AutoCAD, KeyShot]  
CNC, 3D printing, Laser-cutting  
Matlab, Mathematica, MS Office, Keynote

### Languages

English (fluent), Mandarin (fluent)

## Recognitions

**Featured in Core 77**  
Future Food System, 2019

**Global Grad Show, Dubai**  
POR, 2018  
Sustainability driven design  
for lunar missions.

**Spark Awards Finalist**  
POR, 2018

**Featured in The Dieline**  
HDX, 2016  
Concepts We Wish Were Real:  
HDX Rebrand

**ArtCenter Student Gallery**  
- POR, Spring 2017  
- HDX, Fall 2016  
- Switchback, Summer 2016

**ArtCenter Provost's List**  
Fall '16, Summer '17, Spring '18

I am a product designer, passionate about leveraging qualitative research and rapid prototyping to drive innovation for sustainable development.

## Education

**ArtCenter College of Design, Pasadena CA**  
Bachelor of Science in Product Design, 2019  
Designmatters Minor in Social Innovation

**National Cheng Kung University, Taiwan**  
Master of Science in Mechanical Engineering, 2009

**National Chung Cheng University, Taiwan**  
Bachelor of Science in Mechanical Engineering, 2007

## Professional Experience

### Freelance Product Designer, Self-Employed

July. 2019–present  
Collaborating on various product design projects where I help with product development, user testing, and rapid prototyping. Facilitated community design research workshop.

### UX Design Intern, Pull Experience, Inc.

Sept. 2018–Dec. 2018  
Co-developed product prototypes for next phase user testing of a future mobility project. Participated in co-creation with intended users and helped synthesize insights. Supported the strategy team in trend analysis and further created service and UX concepts for future mobility.

### Teaching Assistant, ArtCenter College of Design

May. 2018–Aug. 2018  
Assisted students with CAD Modeling using SolidWorks

### Design Fellow, Long Beach Department of Health & Human Services

Jan. 2018–June. 2018  
Coordinated a city-wide STD awareness campaign. Collaborated with key stakeholders to refine, manufacture, and implement campaign materials. Developed media for both digital and physical platforms. The campaign rolled out in June. '18.

### Mechanical Engineer, Inventec Corporation (consumer electronics ODM)

Jan. 2010–Oct. 2011  
Co-developed consumer products where I involved in manufacturing, 3D modeling, component testing and refinement.

## Selected Experience

### Design Workshop Facilitator

AI LA Community, Inc., Oct, 2019 – Oct, 2019  
Facilitated a design storm for the AI LA Healthcare Summit. Collaborated with AI+ML and healthcare professionals to reimagine digital products in that space.

### Co-developer of Campus Sustainability Campaign

ArtCenter College of Design, Jan. 2018–Aug. 2018  
Researched global standards of sustainable development goals. Co-developed a ten-year sustainability roadmap for and educational institution.

## Publication

C Huang, X Kong, T Ou. Position Analysis of a Bennett-Based Multiple-Mode 7R Linkage. ASME Mechanisms and Robotics Conference, 2009

## Personal Development/Interests

Biomimicry, Biodesign, Arduino, Python, Speculative Design