

# TZUCHAO (JEFFREY) CHOU

Interaction Designer

tzuchaoc.com  
tzuchaoc@andrew.cmu.edu  
702.336.5745

## WORK EXPERIENCE

### Research Assistant, School of Design

Carnegie Mellon University | 2016 - Present

- Designed a JavaScript animation kit for the interaction design lab course. (Advised by Associate Professor Austin Lee)
- Implementing a people detection software tool with open source machine learning framework for graduate studio space research. (Advised by Associate Professor Peter Scuppelli)

### Product Manager, IP Camera software team

Dynacolor Inc. | 2010 - 2015

- Worked with software engineers and customers to design customized IP Camera user interface.

## PROJECTS

### TURF

Interaction Design | Team Project | Fall 2017

- Designed parking kiosk, parking ticket, user flow and UI animation to improve the user experience of street parking.
- Identified a design opportunity in the street parking kiosk through interviews, stakeholder map and user journey to achieve vibrant business districts.

### Where is Design?

Mixed Reality Design | Individual Project | Spring 2017

- Designed a Mixed Reality experience in HoloLens with Unity.
- Created a tangible input device with Arduino and laser cut wood box.

### How to Cook Everything

Mobile Design | Individual Project | Spring 2017

- Designed a mobile service with physical cards to help graduate students learn how to cook healthy food easily.
- Applied multiple research methods to gain insight into their attitudes toward cooking and grocery shopping behavior from the target audience.

## EDUCATION

### Carnegie Mellon University

Class of 2019

Masters of Interaction Design

### National Taiwan University

Class of 2007 / 2009

BS in Computer Science

MS in Electronics Engineering

## SKILLS

### Design

After Effects  
Illustrator  
InDesign  
Keynote Prototyping  
Pen + Paper  
Photoshop  
Physical Computing  
Sketch  
SolidWorks  
Unity / C#

### Programming

HTML & CSS  
JavaScript  
Python

### Research

Affinity Diagrams  
Interviews  
Contextual Inquiries  
Journey Mapping  
Usability Testings