

# Tzu Ting Yang (Emily)

614-800-3266 • tzyang@ucsd.edu • <https://www.linkedin.com/in/tzyang/>

## Education

### B.S. Chemical Engineering with Entrepreneurship and Innovation Minor

University of California, San Diego

**Cumulative GPA: 3.7/4.0**

Relevant Coursework:

- Usability and Information Architecture
- Product Marketing and Management
- Managing Diverse Team
- Design for Development (HCI focus)
- HTML and CSS
- Principle of User Experience

## Technical Skills

**Programming Language:** HTML, CSS, Java, Python, Matlab, LabView

**Design Program:** Illustrator, BootStrap, InDesign, Axure,

## Project Experience

### Front End Web Designer, Web Designing Team (July. 2017 - Sept. 2017)

- Designed the interfaces, navigation, context, and visual information for the web app
- Translated strategic objectives into a conceptual framework for the final user experience
- Fully implemented the *Foodbank* webapp through HTML and CSS

### Product Designer, Global Team In Engineering Service (TIES) Program (Jan. 2017 - Jun. 2017)

- Determined the logistics and resources required to create a social enterprise in a community in Philippines
- Generated three prototypes collaboratively with my team that would be later tested with UX research
- Facilitated communication and teamwork by establishing a psychologically safe environment

### Project Manager, Application Designing Team (Sept. 2016 - Dec. 2016)

- Create gantt chart and keep work flowing past bottlenecks
- Performed user research interviews and generated low and high-fidelity wireframes for the clients
- Communicate status updates and possible risks; be the hub of knowledge for the rest of the team

## Professional Experience

### Teaching Assistant, Global TIES Program (Sept. 2017 - Present)

- Support students with instructional assistance and facilitate discussions in lectures
- Track students' academic performance while giving them feedbacks on their questions and concerns

### President, United Taiwanese Association (Apr. 2016 - May. 2017)

- Reduced meeting time by standardizing the workflow of the organization
- Collaborated closely with other student organization to introduce new activities
- Planned events that involved more than a couple hundred of students every three month

## Research Experience

### Undergraduate Research Assistant, UCSD (Apr. 2016 - Mar. 2017)

- Designed DNA and protein simulations through oxDNA Simulation Package
- Expanded research knowledge in molecular dynamics and simulation processes in the bioengineering field

### Summer Research Assistant, Chang Gung University (Jul 2016 - Sept. 2016)

- Analyze cell metabolic activity with cell culture experiments involving RGC-5 and 3T3 animal cells
- Executed surface modification on material through cold plasma generator and spin coating machine

# Tzu Ting Yang

## Front End Designer

(614) 800-3266  
tzyang@ucsd.edu  
acsweb.ucsd.edu/~tzyang/

## ABOUT ME

**Seeking for a creative design internship opportunity in San Diego.**

Have taken courses in user experience, human centered design, usability and information architecture. Strong communication and leadership skills.

## EDUCATION

**University of California, San Diego**

**B.S. Chemical Engineering** GPA: 3.7, Graduate in 2018  
Entrepreneurship & Innovation Minor

## EXPERIENCE

**Interaction Designer, Foodbank,**

*Website Design Team* (July 2016-Sept 2016)

Create storyboards and personas  
Brainstorm design specifications  
Prototype low-fi and polished websites  
Refine and reiterate personas and prototype

**Team Lead, Dolla' Dolla Bills,**

*App Designing Team* (Sept 2016-Dec 2016)

Developed gantt chart to track the process  
Interviewed stakeholders for need-finding  
Generated high-fi wireframes to test ux  
Implemented low-fi prototypes on Unity

**Humanitarian Engineer, Global TIES,**

*One Village Philippine* (Jan 2016-Present)

Analyzed users' need and work domain  
Designed concepts through ideations  
Iterated the prototypes  
Evaluated user feedback and iterate

## SKILLS

**HTML 5**



**CSS**



**Adobe Illustrator**



**Adobe InDesign**



**Java**



**Python**



**Passion for Design**

