

# Tzu Ting Yang (Emily)

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## 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 Languages:** HTML, CSS, Java, Python, Matlab, LabView

**Tools:** Illustrator, InDesign, Photoshop, InVision, Axure, Google Analytics

## Project

### Spatacular UX Engineer

- Rebranded the logo, font, and color scheme of a spa website to attract more customers
- Conducted user research to establish user personas and scenarios to ascertain functionalities needed for the website
- Iterated the site navigation and individual web page design through user testing results
- Responsible for implementation of a responsive web design with emphasis on usability and aesthetic

### Foodbank Front End Designer

- Designed a website that aims to curb food waste by connecting food businesses with individuals in need
- Performed competitive analysis to differentiate our service from our competitors
- Generated digital contents through Adobe Creative Cloud while adhering to the brand guidelines

### One Village Philippines Product Designer

- Created an affordable and sustainable solar-powered lantern to tackle the lack of lighting at night in the Philippines
- Determined the logistics and resources required to create a social enterprise for third order change
- Generated three alternative solar-powered lantern design that improves upon usability and functionality

## Professional

### Teaching Assistant Global Teams In Engineering Service Program (Sept. 17' - Present)

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

### President United Taiwanese Association (Apr. 16' - Apr. 17')

- Organized Taiwanese related events that foster an environment that welcomes incoming Taiwanese students
- Resolved internal conflicts within the board team to ensure the team stays productive and functional

## Research

### Research Assistant UCSD (Apr. 16' - Apr. 17')

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

### Summer Research Assistant Chang Gung University (Jul. 16' - Sept. 16')

- Executed surface modifications on material through cold plasma generator and spin coating machine
- Conducted cell culture experiments involving RGC-5 and 3T3 animal cells

# Tzu Ting Yang

Front End Designer

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## 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**

