

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, XD, InVision, Axure, Google Analytics

Professional

Web Graphic Designer Ticketbox Enterprise LLC (Mar. 18' - Present)

- Refine graphic design skills by customizing icons and graphics for various projects
- Deliver UI and UX design for digital products such as customer-facing websites or marketing email materials
- Created visually digestible charts and data bar to help our company understand movie screening trends

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 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

Project

Spatacular UX Engineer

- Increased company's online exposure and professionalism by revamping the company's website
- 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
- Applied HTML & CSS to develop a responsive web design with emphasis on usability and aesthetic

Foodbank Front End Designer

- Implemented 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 iterative wireframes and storyboards to ensure good user experience from our product

One Village Philippines Product Designer

- Designed an affordable and sustainable solar-powered lantern to tackle the lack of lighting 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