

EDUCATION

Aug 2016 – Jun 2020

National University of Singapore (NUS)

School of Design and Environment

- **Bachelor of Arts (Industrial Design) Honours (Distinction)**

Apr 2013 – May 2016

Singapore Polytechnic (SP)

School of Chemical and Life Sciences

- **Diploma in Biomedical Science**

SP Design School Diploma Plus

- **Diploma in Design Thinking**

WORK EXPERIENCE

Feb 2019 – May 2020

Lucy & Mui

Graphical Designer and 3D Modelling

- Designed and set up interactive booth at boutique events.
- Infographic designs for booklets and website.
- 3D modelled and rendered jewelries.
- Co-design workshops with clients.

Aug 2017 – Jan 2018

ClinnovateHealth

Medical Technologist, Admin & Finance

- Imaged and analyzed tissue data.
- Coordinated and collaborated with clients.
- Administrative and finance duties.

Apr 2015 – May 2016

HistoIndex

Medical Technologist

- Image and analyze cancer tissue.
- Conducted and supervised imaging processes for clinical research and drug development.
- Collaborated with colleagues from A*Star on tissue data analysis.
- Consolidated and produced a comprehensive report for clinical research paper.

LEADERSHIP / COMMUNITY INVOLVEMENT

Aug 2016 – Jun 2020

Nus Industrial Design

- Class co-chair
- Manage FDM printers

Apr 2013 – May 2016

SP School of Chemical Life Sciences

- Vice president of SP CLS Student Committee
- SP CLS Star Ambassador
- Community Service Organizing Team at Thye Kwan Family Centre, Clementi Student Service Centre

SP Women Softball

- SP Softball Women Team Captain
 - Softball Chiangmai Competition organizer
 - Softball Slowpitch Carnival Champions
 - 2nd place at 15th SBSA Softball Carnival
- Graduated with CCA grade of **Gold with Honours**

SP Outstanding Talent Programme

- Co-organized events at school and national level
- Interacted with local and international students in Youth Model ASEAN Conference (YMAC)
- Social innovation projects for low-income families
- Attended a diverse range of seminars and workshop to become a better leader, communicator and humanitarian.

SKILLS

- **Languages:** Fluent in English and Chinese (Mandarin)
- **Software Applications:** Microsoft Office, Rhino, Keyshot, Adobe Illustrator, Adobe Photoshop, Adobe After Effects, 3D printing, Keynote, Sketch, Website design (Wix, Squarespace)

PROJECTS INVOLVED

Nov 2019 – Jan 2020

NUS Enterprise

Design for Social Connection: Kaki Circle

- Awarded top 3 prize.
- Empathic study on isolated elderly.
- Prototyped wireless communication devices, user interfaces and system of interactions.

Aug 2017 – May 2020

NUS Industrial Design

Thesis Project: Empowering Females with Knowledge on their Reproductive Health

- Transform the way women monitor and are informed on their various reproductive stages with the use of their saliva pH.
- Prototyped physical models and designed app user interface for user testing.

NTUC First Campus Playscape:

Extra-Ordinary

- Collaborated with childhood professionals.
- Rendered realistic photographs that integrated potential design into real environment.
- Among top 3 for potential further development.

GovTech Materiality of Service Design:

Joy-to-Order

- Designed the financial journey for the whole BTO process to improve user experience.
- Prototyped user interfaces for user testing.

Port of Singapore Authority (PSA) Smart Port: Remote Quay Crane User Experience

- Collaborated with quay crane experts and engineers to better user experience in order to boost productivity.
- Project was taken for further development.

International Flavors & Fragrances:

The Language of Scent

- Translated scents into perceivable identities.
- Developed and prototyped packaging bottles for the scents.

National University Hospital:

Thyroid Ultrasound Guided Biopsy

- Collaborated with Thyroid surgeons to ideate on problems faced during procedures.
- Prototyped one-handed vacuumed syringe for user testing.

Philips Studio Notion of Motion:

Breast Cancer Patients Journey

- Empathic study on user journey and experience to better their treatment journey
- Prototyped final product and user interfaces for user testing.

Jun 2014 – Jun 2015

SP Full Time Design Thinking Team

Livewell Collaborative

Mitsubishi-Taiwan (Taichung) Bus Rapid Transport (BRT) Research Project

- Collected data and research on Taichung public transport
- Conducted site survey on BRT infrastructures, operations and equipment.
- Project developed for secondary phase.

HDB 3-Steps Solution

- Featured in The Straits Times 2016.
- Empathic study on disabled users living in HDB with 3-step entrance.
- Prototype simulation for user testing.

Einstech's Einswatch

- Empathic study on elderly living alone.
- Prototyped models and user interface.
- Designs were patented by Einstech.