

EDUCATION

2018 - 2021

BA (Hons) in Product Design

Goldsmiths, University of London

First Class Honours &

Ngee Ann Kongsi Scholarship Recipient

2013 - 2016

Diploma in Business Innovation

& Design

Singapore Polytechnic

SKILLSET

- ★ **UI/UX Design**
- ★ **Design Thinking**
- ★ **Industrial Design**
- 3D Rendering
- 3D Modelling
- 3D Printing
- Layout Design
- Figma
- Axure RP
- Rhino3D
- Keyshot
- Solidworks
- Unity
- QGIS
- Photoshop
- Illustrator
- InDesign

CERTIFICATES

2024

Google UX Design Certificate

Coursera

2016

**Certificate in Software Programming
& Applications**

Singapore Polytechnic

2014

MOS Excel 2010

Microsoft

PUBLICATIONS

Cheong, J. H., Budhyarto, M. .,
& Koh, R. . (2022). **A Study on**

**Improving the Experience of Space
Tourists Through Biophilic Design.**

Journal of Student Research, 11(1).

<https://doi.org/10.47611/jsr.v11i1.1548>

EXPERIENCES

06/2024 - Present

UX Design Engineer

Thales Group

Designing command & control systems at the Public Security Centre of Excellence in Thales Singapore. Demonstrated possible use cases via a proof of concept on a new digital twin platform. Completed a range of tasks from requirement gatherings to creating UIUX mockups and 3D assets.

08/2023 - 02/2024

Design Innovation Intern

Thales Group

Served as the main UIUX designer for a high resolution prototype for situational awareness to allow multiple agencies within Ministry of Home Affairs to share a Common Situational Picture for quicker responses and operational efficiencies. Planned and facilitated Design Thinking workshops for external clients and stakeholders to identify needs and capability gaps with Thales Digital Factory.

02/2023 - 08/2023

Industrial Designer

OoB Design

Played a pivotal role in the early stages of the startup by going through market research, ideation, 3D modelling and rendering of innovative office furniture concepts. Participated in the conceptual phase of a new office chair design, which was launched in 2024 as Goodtone's Kinetic Air.

06/2021 - 02/2023

Industrial Designer

Arte Oro

Designed high jewellery pieces and managed the full production cycle from conceptualization to manufacturing, while leveraging on innovative materials and Gen-AI to create unique pieces. Established an in-house wax 3D printing capability.

05/2016 - 05/2018

Assistant Fleet Manager (NS)

Singapore Armed Forces

Lead the formation-wide armoured fleet re-organization efforts, and devised a new vehicle inventory checking methodology to improve efficiency.

04/2015 - 08/2015

UX Designer

PSD, Prime Minister's Office

Proposed new services and facilities to alleviate future problems of Singaporeans, identified through trends and user interviews conducted with members of the public.

04/2014 - 02/2015

UX Designer

National Healthcare Group Polyclinics

Redesigning the Polyclinic Experience: Proposed innovative system designs for a new polyclinic, by identifying stakeholders and pain points through ethnographic research. Outcomes on patient wayfinding were implemented in the new Ang Mo Kio polyclinic.