JUNHONG CHEONG

thecheongjh@gmail.com
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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

CERTIFICATES

Introduction to Systems Engineering Specialization
University of Colorado Boulder

UX Design Certificate
Google

Certificate in Software Programming & Applications
Singapore Polytechnic

SKILLSET

- ★ **SysEng / Requirement Management**
- ★ **User Experience Design**
- ★ **Industrial Design**
- ★ **Design Thinking**
- ★ **User Research**
- • Rhinoceros 3D
- • Polarion ALM
- • Adobe Suite
- • Axure RP
- • KeyShot
- • Figma
- • QGIS
- • Unity

PUBLICATIONS

Biophilic Plant Design: (Nano) Fertilising Barley in Hydroponics for 'Lush Space Gardens', Plant Physiology et Biochemistry, https://doi.org/10.1016/j.plaphy.2025.110154

EXPERIENCES

06/2025 - Present
Systems Solution Engineer
Thales Group
Lead UIUX requirement gathering sessions with government agencies for a major public security C2 project. Involved in iterative sessions with internal and external stakeholders for product enhancements related to user flows, video analytics and tech refreshes.

Served as the lead UIUX designer in producing mockups of user interfaces for a web and mobile application, as well as the frontend design for the digital twin solution.

Lead the creation of new workflows for the adoption of Polarion ALM throughout the product lifecycle by collaborating with engineering and verification teams, and serving as the internal trainer for the department.

06/2024 - 05/2025
Design Engineer
Thales Group
Designing command & control systems at the Public Security Centre of Excellence in Thales. Demonstrated the viability of new digital twin solutions by balancing technical feasibility and user experience. Performed 3D modelling & map generation activities while managing the configuration of geolocated equipment.

08/2023 - 02/2024
Design Innovation Intern
Thales Group
Served as the lead 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 new office furniture startup through involvement in market research, ideation and 3D visualizations, which led to an award winning design.

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.

2015
UX Designer
National Healthcare Group Polyclinics
Proposed innovative system designs for the new Ang Mo Kio polyclinic, by identifying stakeholders and pain points through ethnographic research.