
Education**M.Sc. Urban Science, Planning and Policy****Sep 2020 – Aug 2021***Singapore University of Technology and Design (SUTD)*

- Thesis: "A Conceptual Map of Artificial Intelligence in the Singapore Smart Nation."
- Advisor: Professor Sun Sun Lim

B.Eng. Information Systems Technology and Design, Minor in Artificial Intelligence**May 2017 – Aug 2020***Singapore University of Technology and Design (SUTD)*

- Capstone Project: "PlanAhead, A Career Recommendation App for Youths"

Research Experience**Graduate Research Assistant****May 2021 – Aug 2021***Lee Kuan Yew Centre for Innovative Cities (LKYCIC)*

- Web scraping of skills and tasks data from online education platforms.
- Design methods for validating unsupervised mappings between skills and tasks from the SkillsFuture Skills Framework.

Research Studio**Jan 2021 – Apr 2021***Housing and Development Board (HDB) and Singapore University of Technology and Design (SUTD)*

- Project Title: "Exploratory Study of Digital Sharing Communities and Potential Influence on Neighbourhood Engagement"
- Computational content analysis on chat history data from public Telegram groups using Spacy.
- Social network analysis on chat history data using GEPHI and NetworkX.
- Interactive data visualisation and network visualisation using d3.js and chart.js.

Professional Experience**Oral History Interviewer****Jan 2021 – Mar 2021***National Archives of Singapore and Singapore University of Technology and Design (SUTD)*

- Planned and conducted an interview with a local queer e-commerce business on their experience on the use of technology during the COVID-19 pandemic.
- Contributing to building an oral archive of Singaporeans' lived experience with technology.

Strategic Research Intern**Jan 2021 – Feb 2021***Strategic Research Department, Urban Redevelopment Authority of Singapore (URA)*

- Freight exploratory analysis and commodity-based trip modelling in Python and ArcGIS.

Predictive Analytics Intern**May 2019 – Aug 2019***Predictive Analytics, Mobile Marketing, Singapore Telecommunications Limited (SingTel)*

- Developed multiple predictive models for customer care traffic routing in Python.
- Data engineering in Apache Spark environment.

Teaching Experience**Teaching Assistant**

- Digital World, Introduction to Python programming (Spring 2020)
- Digital World, Introduction to Python programming (Spring 2019)

Extracurricular Experience**Head of Design****Sep 2019 - Jan 2020***What The Hack 2020 @ SUTD (Environment) Hackathon*

- Directed the theme and style for the hackathon.
- Mentored juniors on design and branding.

Head of Design**Jun 2018 - Sep 2018***What The Hack 2018 Immersive Realities @ SUTD (Virtual Reality) Hackathon*

- Directed the theme and style for the hackathon.
- Designed the website, publicity materials, and branding.

Project Engineer**Dec 2017 - Mar 2018***The Butterfly Effect, iLights 2018*

- Construction and installation of an outdoor interactive audiovisual installation.

Deputy Project Director**Jun 2017 - Sep 2017***Park(ing) Day 2017, Singapore University of Technology and Design (SUTD)*

- Liaised with Urban Redevelopment Authority (URA) on venue road closure and to be part of the Our Favourite Place movement.
- Directed publicity, ensured consistent and thoughtful concept and design of material.

International Study

International Honours Programme**Summer 2018***Stanford University***Undergraduate Fall Semester Exchange****Fall 2019***KAIST (Korea Advanced Institute of Science and Technology)*

Honours and Awards

EPS Computer Systems Artificial Intelligence Award (2020)

- Awarded for best undergraduate AI project, a reinforcement learning model trained to play Connect Four.

SUTD Graduate Scholarship (2020)

- Awarded to pursue a MSc. at Singapore University of Technology and Design (SUTD)

SHINE Internship Programme Top Intern Award (2019)

- Awarded for best intern performance at Singapore Telecommunications Limited (SingTel).

Temasek Foundation Leadership Enrichment and Regional Networking (LEaRN) Programme Award (2019)

- Awarded to pursue a fall semester exchange at KAIST (Korea Advanced Institute of Science and Technology).

Singtel — SUTD Exchange Scholarship (2018)

- Awarded to pursue the Summer International Honours Programme at Stanford University.

SUTD Undergraduate Scholarship (2017)

- Awarded to pursue a B.Eng. at Singapore University of Technology and Design.