

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)

- GPA: 4.21/5.00
- Capstone Project: "PlanAhead, A Career Recommendation Mobile App for Youths"

Research Experience

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.
- Literature Review on freight modelling and last-mile delivery modes

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 2019 and Spring 2020)

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.

Referees

Dr Sun Sun Lim

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