

CHAI LI XIAN

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EDUCATION

Nanyang Technological University, Singapore

Aug 2019 – Jul 2023 (Expected)

- Bachelor of Engineering, Computer Science
 - Bachelor of Business, Business Analytics
 - Recipient of Nanyang Scholarship
 - BBus CGPA: 4.79 | BEng CGPA: 4.74
 - Internship availability: 1 May 2021 – 31 July 2021
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PROFESSIONAL EXPERIENCE

2020 Summer Internship at Singapore Tourism Board

Jun 2020 – Aug 2020

Data Analytics Intern

- Data cleaning and transformation of geo-location data that showcases travel patterns of tourists using R
 - Drove business growth of attractions stakeholders by mining for insights and providing suggested strategies
 - Designed and implemented an interactive dashboard that provides actionable insights for stakeholders using QlikSense
 - Familiar and comfortable with AGILE methodology and tools such as Jira and Confluence
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Beam Mobility Holdings Pte Ltd

Feb 2019 – July 2019

Human Resources Assistant

- Automated HR onboarding process by managing extensions from Zapier and Google Office Suites
 - Built queries to identify specific segments of customers for targeted marketing efforts
 - Provided insights in terms of cohort retention rate from analyzing customer retention data using Postgre-SQL
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PERSONAL PROJECTS (<https://lixiannn.github.io>)

Book Review Website

Flack – An Instant Messenger

Flappy Bird Game

Game of Pong

SCHOOL PROJECTS

Object-Oriented Design & Programming

Title: STARS Timetable planner

Aug 2020 – Nov 2020

- Formulate class diagram & sequence diagram for the different entities and methods
- Made a console-based application for students to choose the courses they want to register for and include features for reviews of courses by students
- https://github.com/lixiannn/my-Starsplanner_v1/tree/master/my-Starsplanner/src/stars

Introduction to Data Science & Artificial Intelligence

Mar 2020 – Apr 2020

Title: Comparison of Super Hosts vs Regular Hosts for Airbnb

- Conducted regression analysis on various variables to identify importance of various factors in driving prices for Super Hosts vs Regular Hosts
- Ran Sentiment Analysis for reviews of customers for each Airbnb and extracted keywords that distinguished a Super Host from Regular Hosts

SCSE Hackfest 2020

Jan 2020

Title: All-in-one Study Application for NTU students

- Designed and implemented a web application that allows for peer-tutor matching, which also stores and recommends study materials
- Database management using Django and Flask

Introduction to Computational Thinking Project

Aug 2019 – Dec 2019

Title: NTU North Spine Canteen Food Recommendation app

- Designed and implemented a web application that recommends food to eat, with features that allow users to calculate waiting time per stall
- Enhanced user experience by using Tkinter to build a more user-friendly application interface

LEADERSHIP & CO-CURRICULAR ACTIVITIES

Regular Service Project- Deaf Community, Welfare Services Club, NTU

Aug 2019 – Present

Member

- Conduct tutoring session for deaf children once a week
- Perform at Christmas song sign events to help raise awareness on deaf community and deaf culture

SKILLS

Languages: English, Chinese (HSK Level 6)

Programming Skills: Python, R, Postgre-SQL, HTML/CSS, C, Javascript, Java, C++, MySQL