

KEITH GOH

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Education

Singapore University of Technology and Design

May. 2018 – Sept 2021

Bachelor of Engineering, Engineering Systems Design, Honours

Singapore

- STEP(SUTD Technological Entrepreneurship) Scholarship recipient
- Financial Services Track

Singapore University of Technology and Design

Sept. 2021 – Dec 2022

Masters of Science, Technological Entrepreneurship

Singapore

Relevant Coursework

- | | | | |
|--------------------|---------------------------|------------------------------|-----------------------|
| • Data Analytics | • Data Science | • Derivative Pricing | • Engineering Systems |
| • NLP | • Artificial Intelligence | • Probabilities & Statistics | Architecture |
| • Machine Learning | • Investment Science | • Equity Valuation | |

Experience

Visa Inc

May 2020 – July 2020

Project Analyst Intern

Singapore

- Worked on Project Management skills, using Jira and gaining certifications for the Scrum Methodology.
- Participated in company hackathon and learned React.js during the hackathon to help develop a website tool prototype
- Work was affected as a result of Covid19 thus unable to shadow mentor. However, learnt from mentor via interactions

ST Engineering

October 2019 – May 2020

Back-End Developer Intern

Singapore

- Worked on deploying of web app
- Used Docker and Flask to deploy the backend access for APIs as well as Google Cloud and AWS to help deploy the containers and provide the storage for the app
- Able to develop an auto scaling docker app that would be able to process data and scale down when not in use

DSO National Laboratories

February 2018 – May 2018

Research Intern

Singapore

- Worked on replicating results from a research paper through computer simulation
- Used Matlab to help simulate the features that were described in a research paper to with testing of Signal Processing

Projects

Project Sothea | *Python, Node.js, React.js, Linux*

January 2020

- Helped with the maintenance of a local database web app for an OCIP
- Debugged React.js code, and helped replicate the app across another RPi

Inventory Management Analysis Project | *Python, Excel, Statistics, Seaborn, Pandas*

February 2020

- Helped analyse and predict levels of goods in a hypothetical supermarket stock situation
- Featured on SUTD ESD website. Click here for link to showcase

Sentiment Prediction Class Competition | *R, Keras, NLP, Google Colab*

November 2020

- Tasked with predicting the sentiments of twitter data
- Used R on Google Collab with Keras to help develop a LSTM model with word embeddings using GLOVE to help predict the results
- Got Second in the Kaggle Class Competition

Derivative Pricing Project | *R, Rshiny, RMarkdown*

February 2021

- Created a tool to help predict stock prices and also derivative prices using the Monte Carlo method
- Deployed the Rshiny App online. Click here for link to Project

Technical Skills

Languages: Python, Javascript, SQL, HTML/CSS, C++(Arduino)

Developer Tools: VS Code, Google Cloud Platform, AWS

Technologies/Frameworks: Linux, GitHub, Power BI, Google Data Studio

Certifications: GCP Prof. Data Engineer, PSPO I, PSPO II, Google Data Analytics Certificate, Google Project

Management Certificate, IBM Data Science Prof. Certificate, Tensorflow Developer Certificate, Bloomberg Market Concepts

Extracurricular

House Guardian

May 2018 – Present

Senior House Guardian

SUTD

- Was in charge of Games for Blockbuster 2018 (a hostel wide event with 500 in attendance) and helped plan Blockbuster 2019 Food Arrangements.

Root(Student Government)

May 2018 – Dec 2019

Events Director

SUTD

- Helped plan Open house 2019 and was placed in charge of all the student volunteers for the event