

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

- Work was affected as a result of Covid19
- Worked on Project Management skills, using Jira boards as well as taking courses and certifications for the Scrum Methodology. Achieved PSPO 1 and PSM 1 from Scrum.org
- Participated in company hackathon and learned React.js during the hackathon to help develop a website tool prototype

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 Professional Engineer, PSPO I, PSPO II, Google Data Analytics Certificate, Google Project Management Certificate, IBM Data Science Professional Certificate

Extracurricular

House Guardian	May 2018 – Present
<i>Senior House Guardian</i>	<i>SUTD</i>
<ul style="list-style-type: none">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
<i>Events Director</i>	<i>SUTD</i>
<ul style="list-style-type: none">Helped plan Open house 2019 and was placed in charge of all the student volunteers for the event	