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 receipient
- Financial Services Track

Singapore University of Technology and Design **Sept. 2021 – Dec 2022**
Masters of Science, Technological Entrepreneurship *Singapore*

Relevant Coursework

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

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 acces 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* **Febraury 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 I, Google Data Analytics Certificate, Google Project Management Certificate, IBM Data Science Prof. Certificate, Tensorflow Developer Certiicate, 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 plain Open house 2019 and was placed in charge of all the student volunteers for the event