SHERMAN LEE

Sophomore in Singapore Management University majoring in Business Analytics and Software Development

PERSONAL PROFILE

I am a budding python developer interested in exploring various facets of programming and data science.

SKILLS

Python
MySQL
PHP
Java
CSS
Javascript
Tableau
Microsoft Office

INTERESTS

Ultimate Frisbee
Puzzles
Data Science
Social Entrepreneurship

GET IN TOUCH

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WORK HISTORY

Air Operations Specialist

Republic of Singapore Air Force, Jan 2017 to Aug 2018
- Trained over 50 Air Warfare Officers as a simulator pilot
- Achieved Best Airman of the Month during service

IT Aide

Portek International Pte Ltd, Jan 2016 to Mar 2016
- Maintained IT equipment as well as on-premise servers

ACADEMIC BACKGROUND

Singapore Management University

Bachelor of Science (Information Systems), 2018 - Present
- GPA of 3.38 / 4.00
- Object Oriented Programming (Java)
- Computational Thinking (Python)
- Database Management (MySQL)
- Software Project Management (PHP, MySQL)
- Enterprise Solution Development (AWS, Python, PHP)

PROJECTS

Gerrymandering in Singapore, Jan 2019 – Mar 2019
- Identified numerous factors potentially contributing to the extent of gerrymandering in Singapore. Attempted to predict future extents using said features.
- Utilised Python, Beautiful Soup, Pandas, Scikit-learn and Matplotlib
- https://github.com/ongjx/BIA---Gerrymandering-Project

APTOS 2019 Blindness Challenge, Dec 2019 – Jan 2020
- Attempted a image classification challenge by APTOS.
- Created a convolutional neural network with 4 layers that achieved a 0.70 validation loss.
- Utilised Python, Tensorflow, Keras and Pandas
- https://github.com/shermanleejm/APTOS_blindness_test

News Scraper and Extractive Summarizer, Jan 2020 –Present
- Created a web scraper that pulls the top news in Channel News Asia and summarise the article by extracting the sentences with the greatest weights.
- Utilised Python, Pandas, Scrapy and NLTK
- https://github.com/shermanleejm/News-Scraper-and-Summarizer

CO-CURRICULAR ACTIVITIES

Vice-President

SMU Business Intelligence and Analytics, Feb 2020 – Present
- Organised a cross-industry sharing session with Singapore Airlines, Government Technology Agency and Clayops in Aug 2019 as Events Director. To share with the students the multi-faceted nature of data analytics jobs today.
- Organised a networking event with 9 companies that attracted over 80 attendees as Events Director. The companies include Bloomberg, NCS, Dataspark, Expedia Group, Shopee and more.

Member

SMU Ultimate Frisbee, Aug 2018 – Present
- Participated in UltySchools 2019
- Participated in Rascals Developmetn Tournament 2019

COMMUNITY SERVICE

Project Leader

Project Gazaab Nepal X, Mar 2019 - Feb 2020
- Participated as a member in Dec 2018 and helped to raise more than $6000 for the ninth iteration and funded 2 businesses initiated by students of Shree Indreshwori Secondary School in Nepal.
- Led a team of 19 members to Melamchi, Nepal in 2019 where we funded 4 business with $5000 that we raised in Singapore.