

Sherman Lee

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GitHub: <https://github.com/shermanleejm>

Personal Website: <https://shermanleejm.github.io>

Python (Flask, Tensorflow, Scrappy, NLTK, Scikit-Learn)

AWS (ECS, S3) Docker MySQL Tableau

Java React JS CSS

EDUCATION

Singapore Management University

Aug 2018 – May 2022

- BSc Information Systems 3.38/4.00.
- Major in Business Analytics and Software Development.

WORK EXPERIENCE

Software Engineer, Accredify

Aug 2020 – Present

- Assisting the team in understanding technical requirements of the clients.
- UI/UX development for new and existing products
- Helping with website optimisation

Data Analyst Intern, Accredify

Apr 2020 – Aug 2020

- Implemented their first data analytics module that provided detailed information for their clients.
- Developed both the front-end (ReactJS) as well as back-end (**Python, Flask, Docker**) needed for deployment.
- Deployed and maintained the analytics module on **AWS ECS, Fargate, S3** (static web hosting), **Lambda**.

IT Aide, Portek International Pte Ltd

Jan 2016 – Mar 2016

- Helped the IT department manage and maintain IT equipment as well as their servers by conducting regular checks and running basic maintenance tools.

PROJECTS

Expenditure Tracker

- Built a completely front-end progressive web application in ReactJS that enables users to store and view overviews on their expenditure and income.
- Utilised mainly **React JS** and **IndexedDB** for storage of data hosted in **AWS S3**
- <https://shrmn-money-tracker.s3-ap-southeast-1.amazonaws.com/index.html>

Student Sentiments on Singapore Universities

- Embarked on a project to determine the needs and expectations of post-secondary students when choosing a Singapore university by applying natural language processing on forums and blog posts.
- Utilised **Python, BeautifulSoup, Pandas, Scikit-learn** and **NLTK**
- https://public.tableau.com/profile/poon.hao.jun#!/vizhome/IS434UniversityAnalysis_new/IS434UniversitySentiments

APTOS 2019 Blindness Challenge

- Obtained 70% accuracy in identifying eyeballs with varying degrees of blindness using Tensorflow primarily
- Utilised **Python, Tensorflow** and **Pandas**
- https://github.com/shermanleejm/APTOS_blindness_test

News Scraper and Extractive Summarizer

- 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, Scrappy** 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 over 60 student attendees by bringing in speakers from Singapore Airlines, Government Technology Agency and Clayops in Aug 2019 as Events Director.
- Organised a large networking event with 9 companies that attracted over 100 attendees as Events Director by bringing in various companies which include Bloomberg, NCS, Dataspark, Expedia Group, Shopee and more.

Member, SMU Ultimate Frisbee

Aug 2018 – Present

- Participated in UlySchools 2019.
- Participated in Rascal Developmental Tournament 2019.

COMMUNITY SERVICE

Project Leader, Project Gazaab Nepal X

Jan 2019 – Jan 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.