Sherman Lee

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Python	PHP (Laravel)	Vue JS	React JS
AWS	Docker	MySQL	Tableau
Java	C#	Typescript	Golang
Solidity			

Education

Singapore Management University
- Aug 2018 – May 2022
- Bachelor's in Science BSc (Information Systems)
- Double Major in Software Development and Business Analytics
- GPA: 3.31/4.00.

Work Experience

Software Engineer
- Accredify
- September 2021 – Present
- Fullstack web development in **Vue** and **Laravel** for transitioning from monolith application to microservices.
- Performed **machine learning** using **Python** on existing transcripts in order to create new products for our customers.
- Deployed and maintained product using **AWS** (**Beanstalk**, **S3**, **Lambda)**.

Summer Analyst
- Bank of America
- June 2021 – August 2021
- Full-stack development and maintenance of applications for the Equities Technology team using **C#, Java, Jenkins** and **Specflow.**
- Worked on bug fixes and improvements to business workflows when a customer places a new order or changes their processes

Front-end Web Developer
- Bambu
- February 2021 – May 2021
- Developed front-end user interface for robo-advisor in **React Typescript**.
- Improved tests with automated testing using **selenium** and **react testing library**.

Data Analyst
- Accredify
- April 2020 – November 2020
- Created first analytics module for the company that provided insights for clients and students.
- Implemented project in **Vue** and **Laravel** and deployed using **AWS** (**Beanstalk**, **S3**, **Lambda)**.

Co-curricular Activities

Vice-President
- SMU Business Intelligence and Analytics
- Feb 2020 – Feb 2021
- Managed the team by ensuring team's OKR was met and addressing conflicts when they arose.
- 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.

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.

Projects

Ascenda Middleware
- Created a middleware for Ascenda. The application consists of converting bank points to loyalty partner points. This project accounted for the various architecture requirements as well as design specifications.
- Deployed the application using **AWS** (**Beanstalk**, **RDS**), **Terraform** and **Github actions** for **CI/CD.**
- Utilised **Django** (**Python**), **MySQL**, **React** and **Node.JS**.
- https://github.com/shermanleejm/ascenda-middleware

Randy Bank Loan Management for the Unbanked
- Built a fullstack platform for the unbanked and marginalised to apply for loans and receive recommendations to improve their credit score.
- Performed machine learning using **XGBoost** and feature engineering to create the model.
- Implemented in **Python** and **React JS.**
- https://github.com/shermanleejm/IS453-T1

Blockchain
- Created a basic implementation of blockchain in **Go** and persistence with **Badger**.
- Side project for learning and for fun and still working on it.
- https://github.com/shermanleejm/Pepi_Coin_Go

Hobbies

Lockpicking, rock climbing, board games, magic the gathering, frisbee