Marcus **Foo**

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Skills/ Interests

Languages: Fluent in Written/Spoken English & Chinese
Programming: Python · Express/React/NodeJS · HTML/CSS/Javascript · VBA
Analytics: MongoDB · Tableau · Excel · R · Octave · Bloomberg
DevOps: Docker/Docker Compose · NGINX · Linux · Git
Interests: Long-Distance Running · Bartending

Education

Nanyang Technological University (NTU)

DOUBLE DEGREE IN BUSINESS ANALYTICS & COMPUTING   *Aug 2019 - Aug 2023 (Expected)*

- Bachelor of Business (Hons) with Specialization in Business Analytics (4.70/5.00)
- Bachelor of Engineering (Hons) in Computer Science (4.70/5.00)

Work Experience

e-Novative Media

WEB-DEVELOPMENT WINTER INTERN   *Dec 2019 - Dec 2019*

- Learned and developed active WordPress Websites through cPanel administration within 3 days
- Resolved multiple HTML/CSS bugs and concurrently maintained source code for 4 active websites

Reluzzo

CUSTOMER SERVICE OFFICER   *Jan 2019 - Jun 2019*

- Initiated and implemented Chatbot for multiple regional branches, reducing response times to 1 business day
- Integrated logistic and accounting softwares TradeGecko and Xero, improving administrative procedures for business expansion
- Voluntarily assisted with Sales & Marketing, generating an additional $16000 in monthly revenue

Extracurricular Activity

HackLyst

BACKEND DEVELOPER   *Sep 2019 - Present*

- Backend Developer for HackLyst, a website connecting coders to code funded by NTU's Innovation Lab
- Collaborating with other members to engineer ChatBot based on Machine Learning using DialogFlow (Present)

Personal Projects

Personal Website

HTML, BOOTSTRAP, DOCKER, NGINX, LINUX, BASH

- Built and designed a mobile-responsive website from scratch using HTML and Bootstrap
- Deployed website with Docker containers using Alpine Linux images on a digital cloud infrastructure
- Integrated NGINX reverse-proxy to manage HTTP requests

Hang Seng Index(HSI) Directional Trend Predictor

PYTHON, YAHOO FINANCE API, TENSORFLOW, PANDAS

- Developed as part of a quantitative strategy for the InvestingNote Trading Tournament 2019
- Designed a Machine Learning Model using Logistic Regression for daily HSI Price Predictions and an LSTM Neural Network for monthly HSI Price Predictions

MERN-Stack To-Do List

MONGODB, EXPRESSJS, REACTJS, NODEJS

- Learnt and deployed a To-Do List on a local server within 3 days
- Connected webpage to MongoDB's NoSQL Database to store persistent data