

# 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

**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
- Bachelor of Engineering (Hons) in Computer Science

## Work Experience

### 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)

### JustRunLah!

LONG-DISTANCE RUNNER

Mar 2019 - Present

- Completed 100KM Singapore 2019 Ultramarathon, 42KM Sundown & Standard Chartered 2019 Marathon

### SouthEast Community Development Council

TEAM LEADER FOR COMMUNITY LEADERSHIP PROJECT

Jan 2015 - Jan 2016

- Shadowed Members of Parliament to identify and tackle potential community issues
- Led a team to spearhead a community event with a turnout rate of 50 participants and 100% positive survey responses

## Personal Projects

### Personal Website

HTML, CSS, JAVASCRIPT, BOOTSTRAP, JQUERY

- Fully functional and mobile-responsive website built from scratch to serve as a digital portfolio.

### 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