



Yong Hong Tan

NETWORK ENGINEER

Details

- Tokyo, Japan
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Links

- [LinkedIn](#)
- [GitHub](#)
- [Medium](#)

Skills

Python



MATLAB



HTML/CSS/JavaScript/React.js



VBA



Swift



Languages

Japanese



English



Chinese



Cantonese



Malay



Qualifications

- Deep Learning for General Certificate (G-Certificate)
- Japanese Language Proficiency Test N1

Profile

A passionate self-taught Python user, looking for a career change to a software engineer. Also interested in machine learning technology.

Employment History

Network Engineer at SoftBank, Tokyo

APRIL 2020 — MAY 2021

Involved in HAPS (High Altitude Platform System) wireless network development

- Atmospheric attenuation VBA tool required for link budget design
- Analysis of telemetry data obtained from stratospheric test flight

Technical Support Engineer at TimeTec Computing, Kuala Lumpur

SEPTEMBER 2016 — MARCH 2017

Supported international resellers on technical aspects of the company's biometric products, time attendance software and cloud platforms

Education

Masters of Engineering, Tokyo Institute of Technology

APRIL 2018 — MARCH 2020

Best Presentations Award of Master's Thesis

Bachelor of Electrical Electronics Engineering, University Tenaga Nasional

SEPTEMBER 2012 — AUGUST 2016

CGPA: 3.95/4.00

Programming Experience

MOOC data analysis using Python

APRIL 2019 — MARCH 2020

Performed analysis on MOOCs (Massive Open Online Courses) video clickstream data. In particular, the relationship between transcript readability, video listenability, and user behaviour. Part of the results was published in an IEEE [paper](#) that was awarded the Best Paper Award.

Stock technical analysis using Python

APRIL 2020 — FEBRUARY 2021

Implemented an automated stock recommendation tool and a simple sentiment analysis on stock news. To improve my trading, programming and writing skill, I started writing some articles and sharing them on [Medium](#).

Website for Japanese Language Learner

FEBRUARY 2021 — PRESENT

In the early stage of making a website dedicated to Japanese learner, where users can learn interactively to prepare for all 5 levels of JLPT test. In the process of collecting data from different databases.

Japanese Dictionary Quiz App using Swift

FEBRUARY 2021

A Japanese dictionary app that records history of searched words and lets users take a quiz on the searched words.