

MERVIN TEE

I have an inquisitive nature and often find myself digging deep into things that are interesting or useful. Over the last two years, I have grown interest in data analytics and machine learning. Coupled with the nature of my job, I frequently find myself discussing about health-related matters with my clients. Currently, I am looking for opportunities to grow my knowledge and apply the skills I have picked in my personal developments to better contribute to the public health sector.

SKILLS AND ABILITIES

- Teamwork
- Literature Review
- Microsoft Office
- Data Analysis (R and Python)
- Machine Learning (TensorFlow)

REFeree DETAILS

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CONTACT DETAILS

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CAREER HISTORY

SOCIAL WORKER

Woodlands Social Centre, 2019-present

- Assisting families to grow towards resilience and self-sustainability.
- Coordinating intervention plans with professionals to provide aids that are helpful for each needy family.
- Observing their lifestyle and physical activities provide recommendations to improve their health.

PROGRAMME COORDINATOR

New Life Community Services, 2017-2019

- Mentored youths and developed programmes that aid youths in building their life skills.
- Counselling youths that struggled with behaviour issues.
- Coordinated events for children and the community.

EXPERIMENTAL OFFICER

Newcastle University, 2014-2016

- Involved in research on whole-grain consumption in Singapore's children.
- Provided technical support for laboratory classes.
- Supervised undergraduate students' projects

PUBLICATIONS AND POSTERS

DIGITAL HEALTH PROFESSIONS EDUCATION ON DIABETES MANAGEMENT: SYSTEMATIC REVIEW BY THE DIGITAL HEALTH EDUCATION COLLABORATION

Journal of Medical Internet Research.

Huang, Z., Semwal, M., Lee, S.Y., Tee, M., Ong, W., Tan, W.S., Bajpai, R. and Car, L.T, 2019.

WHOLE-GRAIN FOOD CONSUMPTION IN SINGAPOREAN CHILDREN AGED 6-12 YEARS

Journal of Nutritional Science.

Neo, J.E., Salleh, S.B.M., Toh, Y.X., How, K.Y.L., Tee, M., Mann, K., Hopkins, S., Thielecke, F., Seal, C.J. and Brownlee, I.A., 2016.

CHARACTERISATION AND OPTIMISATION OF TWO STRAINS OF KEFIR GRAINS AND OPTIMISING HIGH AND LOW TEMPERATURE TREATMENTS TO KEFIR YOGHURT.

International Life Science Institute (Conference)- The Gut Its Microbes and Health

Tee M. and O'Brien, G., 2016.

PERSONAL DEVELOPMENTS

HANDS-ON MACHINE LEARNING WITH SCIKIT-LEARN, KERAS & TENSORFLOW

Aurélien Géron (Book), Present

- Applying data processing and statistical analysis to prepare data for machine learning
- Creating neural networks to perform supervised learning models for prediction
- Completed mini projects on data processing and visualisation using various python packages

DATA ANALYSIS WITH PYTHON

freeCodeCamp, 2021

- Picked up data analytics skills using python as the programming language
- Cleaned data for analysis using NumPy and Pandas
- Completed mini projects on data processing and visualisation using various python packages

DATA SCIENCE SPECIALISATION

John Hopkins (Coursera), 2020-2021

- Picked up data analytics skills using R as the programming language
- Performed exploratory data visualisation using ggplot in R
- Created a mock NLP application using R for a course assignment
(<https://mervtee.shinyapps.io/SwiftkeyApp/>)

ACADEMIC HISTORY

GRADUATE DIPLOMA IN SOCIAL WORK

National University of Singapore, 2019-2020

BACHELOR (HONOURS) IN FOOD AND HUMAN NUTRITION

Newcastle University, 2012-2014