Yeoh Yu Yong

yeoh.yuyong@gmail.com | yeohyuyong.me | medium.com/@yeoh.yuyong | github.com/yeohyuyong |

EDUCATION

Dunman High School — Singapore
Singapore-Cambridge GCE A level — *Jan 2014 – Dec 2019*

- H2 Mathematics, H2 Further Mathematics, H2 Computing
- Info-comm Club Executive Committee 2019
- Table Tennis Captain 2019, 2017, 2015
- Table Tennis Vice-Captain 2018, 2016, 2014
- Sports Leader 2019, 2018

EXPERIENCE

Research Assistant Intern — Jan 2020 – Mar 2020
Red Dot Robotics — *Singapore*

- Obtained, explored and prepared more than 100000 data-sets and implemented it into a Spatial Convolutional Neural Network for traffic scene understanding
- Implemented 5 machine learning models with varying data-sets in order to sift out the model with the highest accuracy
- Final machine learning model showed significant improvement in accuracy compared to original models

Vice-Chairperson — Jan. 2019 – Jun 2019
BuildingBloCS 2019 — *Singapore*

- Helped to lead BuildingBloCS 2019, Singapore's largest student-initiated Computing event, hosted by A-Level Computing students for O-Level Computing students
- Created a year-long Python Programming, Data Analysis and Machine Learning for over 400 O-Level students in Singapore

Competition In-Charge — Jan 2018 – Jun 2018
BuildingBloCS 2018 — *Singapore*

- Conducted multiple lessons around Singapore and taught up to 40 facilitators the basics of Flask, a micro web framework written in Python.
- Led and helped to organise a Flask-based chatbot-building competition with over 400 participants

PROJECTS

PomodoroTimers | *HTML, CSS, Javascript, JQuery* — June 2020 – Present

- PomodoroTimers is a simple and configurable Pomodoro timer.
- It aims to provide a visually-pleasing and reliable way to track productivity using the Pomodoro Technique
- This app is inspired by the Pomodoro Technique which is a time management method developed by Francesco Cirillo

TECHNICAL SKILLS

Machine Learning: Python, TensorFlow, Keras, Numpy, pandas, Matplotlib, Seaborn, scikit-learn
Web Development: HTML, CSS, Javascript, JQuery, Flask, Jinja2, Bootstrap, Jekyll
Other Tools & Langauges: Git, Github, C++