

Yeoh Yu Yong

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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 & Languages: Git, Github, C++