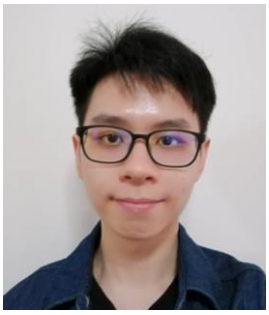

Darren Teoh Chong Yang

Petaling Jaya, Selangor | 017 386 9958 | darrenteoh0602@gmail.com

EXPERIENCE

February 2022 - April 2022 — **Technical Service Engineer Intern, *Rohde & Schwarz Malaysia***

- Perform calibration, diagnosis and repairing of test and measurement equipment, primarily signal generators
- Support in activities related to ISO9000 & ISO17025, specifically accredited calibration

December 2019 - January 2020 — **Data Entry, *Unisys***

- Key-in high value check slip scan and record data
- Developed fast and accurate typing skills

February 2017 - February 2018 — **Barista, *LOOB Holding***

- Worked full-time and part-time at Tealive
- Developed skills to handle stressful situation and to thrive in team environment

EDUCATION

2017 - Present — **Undergraduate:** Bachelor of Electrical and Computer Systems Engineering, *Monash University*

- Weighted Average Mark (WAM): 69.475
- GPA: 2.555
- CGPA: 3.228
- Recognized by Board of Engineers Malaysia (BEM)

Jan 2016 - November 2016 — **Pre-University:** Southern Australian Certificate of Education (SACE), *Taylor's College*

- Australian Tertiary Admission Rank: 91.50

2011 - 2015 — **Secondary School:** Sijil Pelajaran Malaysia (SPM), SMK Bandar Utama Damansara 3

- 1A+, 3A, 3A-, 1B+, 1B

LANGUAGE

Primary: · English

Secondary · Mandarin, Malay

PROGRAMMING

Languages: HTML, CSS, JavaScript, ReactJS, C, MATLAB, Python, PLC, Assembly

Software: Microsoft Excel, COMSOL Multiphysics, LTSpice

ACADEMIC PROJECTS

2020 - 2021 **Final Year Project (FYP)**

- Investigated quartz crystal microbalance-based gas sensors for detection and discrimination of gases
- Designed and simulated quartz crystal microbalance-based gas sensor using COMSOL Multiphysics

2021 **Pendulum Mimicking System**

- Utilized FreeRToS kernel to sense motion of pendulum and reproduce the same motion with a DC motor driving a pointer
- Built on Arduino Due board
- Modelled pendulum motion equation mathematically and adjusted using PID controller

July 2018 – October 2018 **ACCU-Flick Bots**

- Designed a fully autonomous colour sensing robot with flicking ability to compete in the ACCU-Flick Bots competition
- Built the robot with the combination of electrical and mechanical design using ultrasonic sensors, colour sensors, limit switches, shaft encoders and servo motors