

Clive Wong Toh Soon
Flat 3, 73 Drayton Gardens, London, SW10 9QZ
+44 784388 3045 | xtwc32@live.com | <https://clivewongtohsoon.github.io/>

Education

Imperial College London, MEng Electrical and Electronic Engineering 2015 – 2019

- Dean's List (top 10%) of first year

Hwa Chong International School, Singapore 2013 – 2014

- International Baccalaureate Diploma Program (IBDP): 43/45 points
- Valedictorian of the year
- Top of the year, top in Chemistry (HL), Physics (HL), Mathematics (HL) and Business & Management (SL)

Scholarships

- JPA by Public Service Department of Malaysia for 4 years' study in Imperial College London
- Full scholarship by Hwa Chong International School for 2 years' study in IB Diploma Program

Internship Experience

Intel Corporation, Malaysia August 2017 – September 2017

Worked under Pre-Silicon Validation(PSV) Team to help the employees with scripting tasks

- Written Python scripts for automating detection of inputs, inserting macros and checking specific turnins
- Written Chrome Extension that communicates through SAMBA to Linux to obtain git show details on a new Chrome Page, by using JavaScript as front end and Python as backend server

Project Experience

µBoard 2017

A group project to build a mathematical keyboard that allows users to insert mathematical symbols

- Involved in the building the keyboard from the scratch, i.e design of the layout of the keyboard, design of the PCB, programming of the microprocessor, and 3D model of the keyboard
- Created a video and website to promote the keyboard

EEBug 2016

A group project to build an electronic bug that follows a fading and spiral line

- Designed the circuit and programmed ATtiny85 using Arduino programmer to implement the specification

Leadership Experience

iCUBE, UK April 2016 – April 2017

A Malaysian based student organization that aims to encourage entrepreneurship thinking among Malaysians in the UK

Marketing Director

- Developed problem solving skills to overcome technical issues when preparing marketing materials, such as developing website, using video editing software and photo editing software
- Developed management skills in coaching and monitoring executives in my department to make sure the quality of the marketing materials provided are top-notch

Imperial College Union Malaysian Society April 2016 – April 2017

Communication Secretary

- Managed the society's official website, <http://icu.ms> and Facebook page, designed marketing materials
- Filmed and edited teaser, trailer and various promotional videos of Malaysian Night 2017

Skills Acquired

- Proficient in Microsoft Word, Excel, PowerPoint and LaTeX
- Proficient in Swift, iOS development language
- Proficient in Adobe Photoshop, Illustrator, Audition, Final Cut Pro X and Logic Pro X
- Intermediate knowledge of programming software, MATLAB, C++, Python, JavaScript and HTML

Languages

- Chinese – Native speaker
- English and Malay – Fluent, able to read, write, speak and listen

Hobbies and Interests

- Drawing – won Malaysian Top 10 Young Artist Awards in 2012 organised by The One Academy, Malaysia
- Singing
- Filming and Photography