

Jun Kai Ong

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EDUCATION

University of California, Los Angeles (B.S. in Electrical Engineering)

Expected graduation: June 2019

GPA : 3.692

Courses : Assembly and Machine Language, Computer Architecture, Data Abstraction in C++, OS fundamentals.

Sunway College, Subang Jaya, Malaysia (Cambridge A-levels)

Graduated : November 2014

Subjects Taken : Further Mathematics, Mathematics, Physics, Chemistry (4 A*)

TECHNICAL SKILLS

Computer Skills : C/C++, Python, Web Designing (HTML & CSS), Excel, Power Point, Arduino platform, Android, Autodesk Inventor, Git, GitHub

Platform: Windows, Mac OS, Linux

Hardware : Intel Edison Kit, Teensy LC, Raspberry Pi, Soldering, system sensors(Grove Kit)

LANGUAGE SKILLS

Proficient in written and spoken Mandarin, Malay and English.

WORK EXPERIENCE

Samsung Malaysia Experience Store Sales Consultant

March - May 2015

- Advised customers on product purchases and troubleshoot faulty products.
 - **Top 20 Sales Talk for Samsung Galaxy S6 Award** recipient.
 - Reached 3000 USD in sales revenue within the first 2 weeks.
 - Received official training from Samsung Malaysia in marketing and sales.
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ENGINEERING EXPERIENCE

UCLA Institute of Electrical and Electronics Engineering(IEEE) OPS Team

- Worked on projects involving sensing devices, Arduino microcontrollers ,PCB design, servos, H bridge, motors.
- Project Examples :
 - **Laser Tag module** involving **IR emitters and IR sensors** (February 2016)
 - **Digital Synthesizer** (November 2015)
 - Designed and soldered a circuit that emits sounds of different frequency and loudness based on the number of buttons pressed and the state of the potentiometer.
 - **Teensy LC** controlled circuits (January 2016)
 - Teensy LC controlled LED game.

IEEE General Board member

- Participated in an exclusive team within IEEE that focuses on mentorship from IEEE officers and advanced projects.
 - Projects:
 - **Dancing Robot** : A robot that performs dance routines based on the type of song you expose it to.
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ACADEMIC AWARDS

Public Service Department Higher Education Scholarship for Academic Excellence.

Ministry of Education Pre-U Scholarship Award for Outstanding Results in the Malaysian Certificate of Education.