

Koay Xian Cong

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EXPERIENCE

i-CreatorZ, Chung Ling High School — President

2018 - 2019

Developed and invented 1ST & 2ND Gen Swalk Stick (IoT Projects)

Invented Environmental Sensors Indicator (IoT Projects)

Organizing chairperson of 1st CreatorZ Day 2018.

Coached and advised idea and plan on Penang International Science Fair 2018.

Recruited talented individuals and ran activities.

Led and planned for several projects such as Digital Clock, RANKSYS, Star Wars Hologram project which are all funded by CLHS Alumni.

Led members to visit Pentamaster & Mini-Circuits.

Sunway Tech Club — Member

2020

Contributed ideas in the club.

Participated in Sunway Tech Nights.

EDUCATION

Forward School, Penang

NOVEMBER 2020 - PRESENT

Sunway College, Kuala Lumpur — AUSMAT Pre-U

JANUARY 2020 - NOVEMBER 2020

Chung Ling High School, Penang

2015 - 2019

INTERESTS

Electronics, Artificial Intelligence, Deep Learning, 3D Modelling, IoT

TECHNICAL SKILLS

Hardware

Laser Cutter, 3D printer,
Arduino, Raspberry Pi

Software

Solidworks, AutoCAD, Adobe
Photoshop, Adobe Premiere
Pro, WordPress

Programming Languages

Python, C++, Java

AWARDS

INTERNATIONAL

2ND Belt & Road Teenager Maker Camp
In Beijing China – Best Maker (2018)

NATIONAL

Kangaroo Math Competition – Gold
Award (2020)

SIRIM Invention, Innovation &
Technology EXPO – Gold Award (2018)

Young Innovators Challenge -
Champion (2017)

PETRONAS Society of Petroleum
Engineers National Oil Rig Competition
– 1ST Runner Up(2018)

PISF Young Makers Competition– 1ST
Runner Up (2017)

Young Achievers Award– 2ND Runner
Up (2019)

GENERAL SKILLS

Leadership

Project Management

Public Presenter

Teamwork