

PERSONAL PARTICULARS

Name : LAU CHUN KIT
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EDUCATION

Hong Kong University of Science and Technology (HKUST)

BEng in Computer Engineering

Hong Kong, China

Sep 2014 - Sep 2018

Universitat Politècnica de València (UPV)

Exchange student in Computer Engineering

Valencia, Spain

Feb 2017 - Jun 2017

HONORS AND AWARDS

Dean of Engineering Scholarship

Awards to students who has excellent performance in HKDSE Exam as the recognition of academic achievement
(HKDSE result: Math 5*, Combined Science[PHY+CHEM] 5*, ICT 5)

Hong Kong, China

Oct 2014

The 10th NXP® Freescale Cup Intelligent Car Competition 2015

Merit Award - Magnetic Chasing Car Group

Built system running on MCU based on Arm Cortex-M4 core
Programmed two cars which are able to use inductors to sense magnetic field generated by the wire in the middle of the track in order to run on the track having crosses and sharp turns

Xiamen, China

Jul 2015

The 11th NXP® Freescale Cup Intelligent Car Competition 2016

Second Class Award - Magnetic Self-Balancing Car Group

Built system running on MCU based on Arm Cortex-M4 core
Designed PCB board and programmed a two-wheeled self-balancing car which is able to use two inductors to sense magnetic field generated by the wire in the middle of the track in order to run on a track having crosses and turns

Changsha, China

Jul 2016

Microsoft Hong Kong Limited

Imagine Cup 2017

Built a chat-bot system for interview using natural language processing
One of Elite 8 teams
Won Best UI Award

Hong Kong, China

May 2017

EXPERIENCE

The Hong Kong University of Science and Technology Robotics Team

Member & Mentor

Represented HKUST in 2014-2015 National Freescale Cup Intelligent Car Competition(China)
Sub-team leader who collaborates with 15 teammates

Hong Kong, China

Sep 2014 - Jul 2016

USting

Co-founder

A team is made up of passionate and talented students who work towards the continual betterment of the app and the HKUST student community
Mainly provide iOS and Android application for HKUST students
Major Android developer in early stage

Hong Kong, China

Aug 2016

ARTRO Digital Ltd.
Web developer (Freelance)
Built company websites

Hong Kong, China
Jun 2017 - Apr 2018

BHL Technology Ltd.
Python Programmer

Hong Kong, China
Aug 2018 – Mar 2019

Designed and built an interactive system to control robots
Built high-level modules with multiple programming languages (Python, Node.js) on ROS
Built low-level modules with C running on MCU based on Cortex-M3 core to control motors/servos
Hardware testing

SKILLS

Languages	Cantonese (Native) English (Proficient) Mandarin (Proficient)
Programming Languages & Libraries	General-purpose: C/C++, Python, Java, VisualBasic, VisualBasic.Net(VB.NET) Web (Backend): Node.js, Typescript, PHP Web (Frontend): Javascript, jQuery, CSS, Bootstrap, HTML, React, Redux Database: MySQL, MongoDB Unix: Bash Other: Git, OpenCV, Robot Operating System(ROS), Arduino
Machine Learning Tools	TensorFlow, Keras, TensorBoard, PyTorch
Hardware Development	Control System Design, Embedded System Design, Printed Circuit Board (PCB) Design, Soldering, Microcontroller Programming, CAN Bus Communication
Other	Docker