



Wong Tsz Ho

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Education:

The Hong Kong University of Science and Technology [2020+]

MSc in Big Data Technology

The Hong Kong Polytechnic University [2015 – 2020(planned)]

BEng(Hons) in Electronic and Information Engineering, [WGPA : 3.42]

- Circuit Analysis and Logic Design
- PCB Design and manufacturing
- Embedded System Programming
- Microcontroller System and Interface Design
- Machine Learning and IoT

Earned IBM AI Engineering Professional Certificate @ Coursera

Hands-on Project:

- Ball robot with PIC18F46K22 w/ Bluetooth control
- Robot car with STM32F103C8T6 line following
- Monitor rotation assistant w/ Arduino Pro Micro
- Personal Website w/ GitHub, JavaScript

Activities:

Finspire Online Hackathon 2020;

➤ *Couple Spending Companion*

SmarTone Hackathon 2019;

➤ *Machine Learning assisted gesture recognition on Web using JS;*

Hard@UST - Finalist;

➤ *Automatic Pizza making machine*

Bauhinia Valley – Most Commercial Potential Award;

➤ *Smart glasses business model;*

Project STARS@PolyU – Gold Award

➤ *Cambodia, Myanmar Exchange;*

Experiences:

Summer Intern / Wuxi Murata Electronics Co., Ltd

Jul 2019 - Aug 2019

- Developed RPA (Robot Process Automation) program for HR department;
- Understood the industrial process of manufacturing;

Summer Intern / Shenzhen Skyworth-RGB Electronic Co Ltd

Jun 2019 - Jul 2019

- Acquired knowledge about management of huge project (As Embedded Middleware Team);
- Acquired the proper program document writing and team management;

Electronic Engineer Trainee (Gap-Year Intern) / RF Tech Ltd

Aug 2018 - May 2019

- Developed product of LoRa, NB-IoT and Product Development for Visualization Platform;
- Manufactured PCB including Schematics, Layout and Soldering;
- Firmware programming on IoT system of Self-service Library Station;

Summer Intern / Nuctech Company Limited

Jul 2018 - Aug 2018

- Developed tools for desktop automation to speed up markup process
- Acquired Experiences in Prepared work of Machine Learning and data collation with analysis



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動手項目:

- 藍牙控制球形機器人
- 顯示器旋轉助手
- 循跡車
- 開發個人網站

工作經驗:

暑期實習 — 日本村田電子有限公司 (無錫)

7/2019 — 8/2019

- 開發RPA (機器人過程自動化) 程序;
- 了解公司的管理文化;

暑期實習 (嵌入式中間件軟體組) — 深圳創維-RGB電子有限公司

6/2019 — 7/2019

- 了解有關大型項目的管理;
- 學習適當的程序文檔編寫和團隊管理;

電子工程師實習生 (空檔年實習生) — 智控系統有限公司

8/2018 — 5/2019

- LoRa, NB-IoT, 物聯網數據可視化平台的產品開發;
- PCB設計, 包括原理圖, 佈局和焊接;
- 自助圖書館站物聯網系統的固件編程;

暑期實習 (毫米波產品部) - 同方威視技術股份有限公司

7/2018 — 8/2018

- 機器學習前期準備工作和數據整理與分析;
- 用於桌面自動化的工具構建;

教育程度:

香港科技大學

[2020+]

大數據技術理學碩士

香港理工大學

[9/2015 - 2020]

電子及資訊工程學 (榮譽) 工學士學位

[WGPA:3.42]

- 電路分析
- 電路板設計及生產
- 電腦程式設計
- 微控制器編程
- 邏輯設計
- 機器學習及物聯網應用

獲得 IBM AI Engineering Professional Certificate @ Coursera

活動:

Finspire Online Hackathon 2020

- 情侶記賬App

SmarTone Hackathon 2019

- 機器學習輔助手勢識別

Hard@UST - Finalist

- 全自動比薩製作機

紫荊谷創業營 - 最具商業潛力獎

- 智能眼鏡業務

Project STARS@PolyU - 金獎

- 緬甸交流, 柬埔寨交流

Startup Weekend, Big Datathon,