# Wong Tsz Ho

黃子豪

🔲 : Major in Electronic and Information Engineering (EIE)

✉ : cenz@engineer.com

📞 : +852 6158 5094

    : +86 150 0204 3095

👤 : Cenz

in : linkedin.com/in/CenzWong

🌐 : cenzwong.github.io

Education:

University: The Hong Kong Polytechnic University   [Sep 2015 – now]

Major in Electronic and Information Engineering, [WGPA : 3.4]

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

Skills:

Software: *Skilled* in C/C++, Python, Arduino Programming and Eagle, PADS PCB design and manufacture; *Experience* in Matlab/Octave programming, Apache Cordova , JavaScript and Web Development; Familiar with Microsoft Visual Studio IDE, Atmel Studio IDE;

Hardware: *Intermediate* in Arduino, AVR programming and Electronic practice; *Experience* in PIC, ARM, NodeMCU programming, Hardware Module Integration;

Lang: *Proficient* in Cantonese, Mandarin; *Good command of* English

Activities:

SmarTone Hackathon 2019; Hard@UST - Finalist; Bauhinia Valley; Big Datathon; Startup Weekend; Cambodia, Myanmar Exchange; Project STARS@PolyU

Experiences:

Summer Intern / Wuxi Murata Electronics Co., Ltd   Jul 2019 - Aug 2019

- Developed RPA (Robot Process Automation) program;
- Understood the industrial process of manufacturing;
- Acquired knowledge about the management culture of the company;

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 (One-Year Intern) / RF Tech Ltd   Aug 2018 - May 2019

- Researched and developed product of LoRa, NB-IoT;
- Manufactured PCB including Schematics, Layout and Soldering;
- Assembly Machine and Coordination;

Summer Intern / Nuctech Company Limited   Jul 2018 - Aug 2018

- Developed tools for desktop automation
- Acquired Experiences in Prepared work of Machine Learning and data collation with analysis

Part-time tutor / Robot Institute of Hong Kong   2017-2018

- Taught Kids with LEGO Mindstorms with NXT, EV3;
- Taught Arduino and Basic Electronics for Mini-Robocon 2018;
- Project Implementer;

Wong Tsz Ho
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電子及資訊工程學

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教育程度：

大學： 香港理工大學　　　［9/2015 – 現在］

電子及資訊工程學　　　　［WGPA:3.4］

- 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

技能：

軟件：*熟悉：* C/C++, Python, Arduino Programming and Eagle, PADS PCB design and manufacture; 曾接觸： Matlab/Octave programming, Apache Cordova , JavaScript and web development; 環境：Microsoft Visual Studio IDE, Atmel Studio IDE

硬件：*熟悉：* Arduino, AVR programming, ESP8266, STM32; 曾接觸：PIC, STM ARM, NodeMCU programming, 硬件模組開發

語文能力：

母語：廣東話， 操流暢普通話及英語

活動: SmarTone Hackathon 2019, Hard@UST – Finalist,紫荊谷創業營, Big Datathon, Startup Weekend, 緬甸交流,柬埔寨交流, Project STARS@PolyU

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;
- 研究不同的屏幕鏡像技術;
- 學習適當的程序文檔編寫和團隊管理;

實習生 – 智控系統有限公司　　　　　　　　　　　　　8/2018 – 5/2019

- LoRa，NB-IoT的研究和產品開發;
- PCB設計，包括原理圖，佈局和焊接;
- 機器組裝與協調;

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;
- 數據整理與分析;
- 用於桌面自動化的工具構建;

兼職導師– 香港機械人學院　　　　　　　　　　　　　2017 – 2018

- 教授 LEGO Mindstorms （NXT, EV3）程序；
- 教授 Arduino 和簡單的電路常識；