






Wong Tsz Ho


黃子豪

 : Major in Electronic and Information Engineering (EIE)


 : [cenz@engineer.com](mailto:cenz@engineer.com)

 : +852 6158 5094

: +86 150 0204 3095

 : Cenz

 : [linkedin.com/in/CenzWong](https://www.linkedin.com/in/CenzWong)

 : [cenzwong.github.io](https://github.com/cenzwong)

## Education:

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

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

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

## 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;

## Language:

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

## Activities:

Hard@UST – Finalist, Bauhinia Valley, Big Datathon, Startup Weekend, Cambodia Exchange, 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;



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黃子豪

電子及資訊工程學

✉ : [cenz@engineer.com](mailto:cenz@engineer.com)

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: +86 150 0204 3095

👤 : Cenz

🌐 : [linkedin.com/in/CenzWong](https://www.linkedin.com/in/CenzWong)

🌐 : [cenzwong.github.io](https://cenzwong.github.io)

## 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：**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;