



SUMMARY

Self-driven and detail-oriented EIE student passionate about programming and problem solving. Seeking summer internship opportunities to gain hands-on experience with embedded systems, IoT, software engineering.

EDUCATION

The Hong Kong Polytechnic University

BEng(Hons) in Electronic and Information Engineering
2020-2024

CNEC Lau Wing Sang Secondary School

2014-2020

SKILLS

- Programming Language: Python, Java, C#, Embedded C
- Web Application: HTML CSS, Node.js
- Embedded Software Development: Arduino, STM32, Microbit
- SQL and MongoDB

CERTIFICATIONS

- Certificate of Excellence in Applied Learning Course Computer Game and Animation Design 2018-2020 Cohort

PROFESSIONAL EXPERIENCE

Software Engineering Trainee

Simatelex Manufactory Co., Ltd. | 2023 June-August

- Hands-on practice in embedded system programming and building circuit
- Develop a real-time application for debugging and product testing
- Develop a mobile application to perform update action on screenless device

Part-time STEM teacher and Engineer

Aloes Trees EdTech Limited | 2023 Sept - 2024 May

- Instructor of STEM classes for primary and secondary school children
- Assistant to other instructors for class discipline and problem-solving
- Assist and develop STEM education products for courses

PROJECTS

- Robot car using STM32 and sensors
- Extension arm of a robot car using Arduino and sensors
- 2D Web-based Metaverse
- Python Real-time serial port application
- STEM education products on introducing sensors technology
- Unity game for SEN student training