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EDUCATION

B.Eng. in Robotics Engineering, Minor in Law (LL.B.) South China University of Technology, Shien-Ming Wu School of Intelligent Engineering	Sep 2024 – Jul 2028
<ul style="list-style-type: none">Modules: C++ Programming: 4.0/4.0; Python Programming: 4.0/4.0; Linear Algebra: 3.7/4.0English-Medium Instruction (EMI)Practice: Traffic Detection System with YOLO; RoboMaster Control by Python; Circuits ExperimentsHead of a smart hardware start-up at SCUT Incubator	

EXPERIENCE

Founder, CEO, Product Lead Turinno Guangzhou Inc. & CITATEK ZS LIMITED	Aug 2024 - Present
<ul style="list-style-type: none">Completed the establishment and took full charge of the work on R&D and business.Leading a team of 10 to work on IoT Smart Hardware and company's other business (software outsourcing etc.)Overseeing the R&D Dept. to carry out the development on software, hardware, and industrial design.Representing the company to participate in activities about fundraising and business (Global Sources HK).	
Student Researcher (Core Member) Smart Transport Lighting System Research Program (Prof. LU, Shaofeng, SCUT)	Mar 2025 – Present
<ul style="list-style-type: none">Taking full charge of the development on Communications, Embedded Systems, Cloud Service parts.Collaborating with teammates and keeping in touch with the enterprise-side staff.	
Founding President & Chief Lecturer Computer & Info Tech Association at Sun Yat-sen Memorial Secondary School	Jul 2022 - Sep 2023
<ul style="list-style-type: none">Completed the establishment and gave lectures to the members.Led and participated in activities, finishing a 10K-CNY business closed loop by developing brick set product.Developed several software programs and guided members to study knowledge of IT and programming.	

PROJECTS

AIoT Smart Keyboard and Related HW/SW	Jul 2025 - Present
<ul style="list-style-type: none">A startup project which aims at building an AI + IoT hardware eco-system in desk-spaceLead the technical architecture design and selection, and carried out the POC and EVT on Embedded & PCBTechnical stack: ESP32, ESP-IDF, Thread, IEEE 802.15.4 etc.Software copyrights and invention patents being written	
Smart Transport Lighting System	Mar 2025 - Present
<ul style="list-style-type: none">Designed a Long-range Communication Topological Architecture, achieving the safe and efficient communicationCurrently carrying out the optimization and working on the embedded systems and the cloud service devTechnical stack: ESP32, STM32, LoRa, Arduino, FreeRTOS, Java Web, SpringBoot, WebSocket2 software copyrights and 2 invention patents in IoT/Wireless Comm ready for application, 1 paper being written	

One-stop Online Campus Platform (During High School)	Jul 2022 - Sep 2022
<ul style="list-style-type: none">An online platform allowing students and teaching staff to post, announce, issue, query anythingTechnical stack: Service (Java, SpringBoot, MySQL); Web (Vue.js); WeChat mini-program (WXML)Won the 1st prize in the National Student Information Literacy Improvement Activity held by Ministry of Education	

SKILLS AND INTERESTS

Coding Skills: C++, Java, Web, Python ...
Engineering Skills: Web/Network Development, UI/UX, Embedded Systems, 2D/3D Design
Languages: Mandarin Chinese (native), English (CET-6, English-Medium-Instruction undergraduate), Cantonese
Volunteering: Student Assistant of Harvard-SCUT China Tour in Guangdong, Guangzhou Metro Station Guide
Societies: Student Press, Admission Affairs Association, Union of Student Associations, Computer & IT Assoc.