

Di-nan (Daman) YANG 楊狄男

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EDUCATION

B.Eng. in Robotics Engineering, Minor in Law (LL.B.) Sep 2024 – Jul 2028
South China University of Technology, Shien-Ming Wu School of Intelligent Engineering

- Modules: C++ Programming: 4.0/4.0; Python Programming: 4.0/4.0; Linear Algebra: 3.7/4.0
- English-Medium Instruction (EMI)
- Practice: Traffic Detection System with YOLO; RoboMaster Control by Python; Circuits Experiments
- Head of a smart hardware start-up at SCUT Incubator

EXPERIENCE

Founder, CEO, Product Lead Aug 2024 - Present
Turinno Guangzhou Inc. & CITATEK ZS LIMITED

- Completed the establishment and took full charge of the work on R&D and business.
- Leading a team of 10 to work on AIoT 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) Mar 2025 – Present
Smart Transport Lighting System Research Program (Prof. LU, Shaofeng, SCUT)

- 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 Jul 2022 - Sep 2023
Computer & Info Tech Association at Sun Yat-sen Memorial Secondary School

- 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

- A startup project which aims at building an AI + IoT hardware eco-system in desk-space
- Lead the technical architecture design and selection, and carried out the POC and EVT on Embedded & PCB
- Technical stack: ESP32, ESP-IDF, Thread, IEEE 802.15.4 etc.
- Software copyrights and invention patents being written

Smart Transport Lighting System Mar 2025 - Present

- Designed a Long-range Communication Topological Architecture, achieving the safe and efficient communication
- Currently carrying out the optimization and working on the embedded systems and the cloud service dev
- Technical stack: ESP32, STM32, LoRa, Arduino, FreeRTOS, Java Web, SpringBoot, WebSocket
- 2 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

- An online platform allowing students and teaching staff to post, announce, issue, query anything
- Technical 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.