

Di-nan (Daman) YANG

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Guangzhou, Guangdong, P. R. China

EDUCATION

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

- Modules: Artificial Intelligence; C++ Programming; Python Programming; Electrical and Electronic Technologies
- Practice: Traffic Detection System with YOLO; Robot Lab; Circuits Experiments
- Head of a tech start-up in SCUT Incubator

EXPERIENCE

CITATEK Co., Ltd. A Tech Start-up, CEO & Founder & Chief Engineer; Aug 2024 - present

- Completed the establishment and took full charge of the work on R&D, marketing etc.
- Leading a team of 10 to work on AIoT Smart Hardware company's other business (software outsourcing etc.)
- Overseeing the R&D Dept. to carry out both hardware and software development in AIoT project
- Representing the company to participate in activities about fundraising and business (Global Sources HK Shows etc.)

Smart Transport Lighting System Research Program, Student Researcher; Mar 2025 - present

- Taking charge of the Communications and Embedded Systems parts and playing one of the key roles in the team
- Collaborating with teammates and keeping in touch with the enterprise-side guests

Computer & IT Association at Sun Yat-sen Memorial Secondary School, Founding President; Jul 2022 - Sep 2023

- Completed the establishment and served as the chief lecturer
- Led the team to participate in several activities (Charity bazaar, Student Carnival etc.)
- Developed software programs and guided members to study knowledge of IT and programming

PROJECTS

AIoT Smart Keyboard and Related Hardware; Jul 2025 - present

- A company project which aims at building an AI + IoT hardware eco-system in desk space
- Led the technical architecture design and selection, and carried out the marketing affairs and POC
- Currently leading R&D and working on Embedded Systems and PCB Design at the stage of EVT
- Technical stack: ESP32, ESP-IDF, OpenThread, IEEE 802.15.4 etc.

Smart Transport Lighting System; Mar 2025 - present

- Designed a LAN-based Long-range Topological Architecture, achieving a safe and efficient communication method
- Currently carrying out the optimization and testing more deeply
- Technical stack: ESP32, STM32, LoRa, Arduino, FreeRTOS/Linux, Java Web, SpringBoot, WebSocket

One-stop Online Campus Platform; 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: Knowledge in C++, Java, Web, Python

Engineering Skills: Web/Network Development, UI/UX, Embedded Systems, PCB Design, 2D/3D Design

Languages: Mandarin Chinese (native), English (CET-6, English-Medium-Instruction undergraduate), Cantonese

Volunteering: Harvard-SCUT China Tour in Guangdong (Student Assistant), Guangzhou Metro (Station Guide)

Interests: Guitar, badminton, photographing and filming

Societies: Student Press, Admissions Association, Federation of Student Associations