



# Steven Lam

Electronic System and IOT GRADUATE

## Personal statement

Final-year student pursuing a Bachelor of Engineering (Hons) in Electronic Systems and Internet-of-Things at The Hong Kong Polytechnic University. Experienced in developing IoT solutions and electronic systems, with projects including a LoRa Localization System, Web Development, and Arduino Car.

## CONTACT



852 98871106



lamchakgung01@gmail.com



Linkedin.com/in/

## KEY SKILLS

- Programming & Tools: Node.js, HTML, C/C++, Java, Python
- Arduino, ESP32
- AI & machine learning algorithms
- Office 365

## EDUCATION

### The Hong Kong Polytechnic University (2024-2026)

Bachelor of Engineering (Hons) Degree in Electronic Systems and Internet-of-Things

*Relevant Modules:* Introduction to Internet of Things, Wireless Communication, Sensor Technologies, Embedded Systems Programming, Object-Oriented Design and Programming, Capstone Project and Artificial Intelligence of Things.

*Final Year Project:* Develop a LoRa-based localization system to provide low-power, long-range, and cost-effective positioning for indoor and outdoor environments. By leveraging LoRa wireless technology and techniques such as RSSI-based distance estimation and multi-gateway trilateration, the system enables real-time tracking of devices without relying on GPS, making it suitable for applications in asset tracking, smart campuses, and IoT sensor localization."

## INDUSTRY PLACEMENT

## WORK EXPERIENCE

---

### **Centaline Data Technology Limited**

IT Support Assistant, JUNE 2025 – AUGUST 2025

- User Assistance and Support
- Network Support
- Hardware and Software Management

### **ATAL- Summer Trainee for engineering (BMS)**

Building Management System Technician, Jan 2023 – April 2023

- System Design and Integration
- Installation and Commissioning
- Monitoring and Optimization

## HOBBIES & INTERESTS

---

- Basketball
- Football
- Coding
- Arduino