

PHUONG LE-VAN-HOANG

IoT Developer

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📍 Dist. 10, Ho Chi Minh City

🌐 <https://github.com/RykerLe>



★FEATURED PROJECTS

BLE-based IPS for Hospitals using MiRingLA Algorithm

[Ho Chi Minh City University of Technology](#)

📅 Jul. 2018 – Nov. 2018

- **Role:** Leader of a 2-member team, full-stack developer (system architecture, Android App, Web front-end and backend).
- **Description:** This was a Research Agreement with my University. We built an IPS applied in a hospital that offers new medical examination registrations, schedule management, and navigation.
- **Achievement:** Localization accuracy of 0.91m, multi-floor navigation.
🔗/RykerLe/BLE-Positioning-System-for-Hospitals

Face Attendance Checking System

[Ho Chi Minh City University of Technology](#)

📅 Sept. 2018 – Nov. 2018

- **Role:** Member, developing the attendance management module.
- **Description:** We developed an attendance checking application using a face's feature and deep learning techniques.
- **Achievement:** Friendly UI/UX, the accuracy of about 96% and a paper has been prepared for a journal submission.
🔗/AntiAegis/Face-Attendance-System

BlueCat

[TMA Solutions - Lab 3](#)

📅 Jun. 2018 – Aug. 2018

📍 Ho Chi Minh City, Vietnam

- **Role:** Java developer.
- **Description:** maintain and develop features for the BlueCat-related products.
- **Achievement:** my works were recognized and used in the products.

Low Power Tracker for Containers

[Ho Chi Minh City University of Technology](#)

📅 Feb. 2018 – Jun. 2018

- **Role:** Leader of a 3-member team, full-stack web developer.
- **Description:** A system includes trackers and a web server that monitors the temperatures, humidity, and routes of a container via a web browser.
- **Achievement:** A tracker, a friendly web UI. An improved version is being conducted as a Research Agreement.
🔗/RykerLe/Long-Distance-Transportation-Monitoring-System

GSM-Based Humidity & Temperature Monitoring System

[Ho Chi Minh City University of Technology](#)

📅 Jan. 2018 – May 2018

- **Role:** Leader of a 3-member team, full-stack developer (system architecture, front-end, and backend).
- **Description:** We developed a system monitoring temperatures and humidity of a garden remotely via 2G networks.
- **Achievement:** A complete system.
🔗/RykerLe/GSM-Based-Humidity-and-Temperature-Monitoring-System

🎓EDUCATION

BE in Electrical & Electronics

[University of Technology \(HCMUT\)](#)

📅 Sept. 2015 – Jun. 2019

- Honor Program (Talented Class)
- Electronics - Telecommunications Eng
- GPA: 8.32/10

✔STRENGTHS

Hard-working

Fast learner

Team player

Logical thinking

Critical thinking

Problem-solving

Leadership

🔍ABILITIES

Mathematics



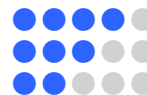
Linux



TivaC, Raspberry Pi
Arduino, PIC, SIM, ESP



C, Matlab
Java (Mobile), Python
C++, Bash Shell



HTML, CSS
Javascript, Nodejs
MySQL, PHP



Microsoft Office (Level B)



🗣️LANGUAGES

English



- TOEIC - 835/990 (since 10/2018)
- Upper intermediate communication
- Presenting and reading documents

REFEREES

Dr. Vinh Truong-Quang

@ tqvinh@hcmut.edu.vn

✉ HoChiMinh City University of Technology

Dr. Vinh Truong-Quang is my instructor and we have been working together in various projects for 2 years.