

# LE LOC MINH PHUC

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## SUMMARY

To secure a full-time position as an Embedded Systems Engineer within a dynamic team environment that values collaboration and diversity among multilingual individuals. I am eager to learn new things and explore new challenges and adventures.

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## WORK EXPERIENCE

### Embedded Software Engineer, Bosch France

Jun 2020 - Present

Experience Following V-Model in Embedded Systems Development

- Worked across multiple roles following the V-Model development process, ensuring high-quality and structured software and system development in the automotive domain.

Contributed to the Diagnostic Event Manager and Memory topics as:

- Software System Designer
  - Conducting requirement analysis.
  - Facilitated customer communication, primarily with Stellantis and RSA Group customers.
  - Preparing and executing system tests.
- Function Developer
  - Implementing software solutions.
  - Preparing and executing unit tests and software qualification tests.

Side topic:

- Tool Development
  - Developed tools using Python to optimize work productivity.

### Embedded System Engineer, ATIM Radiocommunication

Dec 2019 - May 2020

- Designed schematics and PCB for a project utilizing modules and ESP32 microcontrollers.
  - Developed firmware for ESP32 using the ESP-IDF framework (based on FreeRTOS) to enable communication with GPS, accelerometer, LoRa, and Sigfox modules.
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## EDUCATION

### Master of Science in Ubiquitous Networking and Computing (Ubinet)

Sep 2018 - Sep 2019

Polytech Nice Sophia - Université Côte d'Azur

- Specialization in Internet, Telecommunications and Distributed Systems.
- Thesis on "Create a LoRa low-power ecosystem with HiMax HM01B0 UPduino Shield Board".

### Bachelor of Engineering in Embedded System

Sep 2013 - May 2018

Danang University of Science and Technology

- Relevant coursework in Embedded System Engineering from Portland State University.
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## ADDITIONAL INFORMATION

- **Technical Skills:** C, C++, Python
- **Tools:** Rational DOORS, INCA, Labcar, Debugging tools, Version Control (Git)
- **Languages:** English, French, Vietnamese