

Nguyễn Minh Tuấn

Mail ID: nguyenminhtuan87201@gmail.com

Mobile: 0359927826

GitHub: <https://github.com/s2nmt>

Website: <https://s2nmt.github.io/MinhTuan/>



Summary

- I want to see an intern position to gain hands-on experience involving embedded systems and IoT.

EDUCATION

- **Embedded System and IoT (2020-2024)**
Ho Chi Minh City University of Technology and Education
GPA: 8.63

SKILLS

- **Programming Language:** Strong: C/C++, Python. Basic: Java, HTML/CSS/javascript
- **Embedded circuit board design:** I can design 1,2 or 4-layer circuit boards on Altium
- **Microcontroller:** Esp32/Esp8266, Arduino, STM32
- **Protocols:** UART, SPI, CANBUS,...
- **Peripherals:** I/O, Timer, PWM, Interrupt.
- **Soft Skills:** Teamwork, Self-study, Stress management, Problem-solving, Creativity.

PROJECTS

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| • Data visualization
Process, analyze, and visualize data using Python. | Github |
| • Smart home system
Smart Lock, Sensor, Light, Control and display via smartphone app | Github |
| • SmartHome application
Control electrical devices, display sensor values, and visualize data. | Github |
| • SmartHome web design
Display the webcam from ESP32-CAM, control electrical devices, display sensor values... | Demo |
| • 3D house in a virtual space
Interact with doors, electrical devices, and control them through Firebase. | Demo |
| • The details of all my projects can be found on my website | Link |

EXPERIENCE

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|--|---------------------------------|
| • Probability and Statistics teaching assistant
Resolving inquiries and supporting students. | From February 2022 to June 2023 |
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Global Certifications

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| • Toeic | Overall Score: 670 |
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