Nguyễn Minh Tuấn

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Summary

- I am a motivated individual with a strong interest in Embedded Systems and IoT. Seeking an intern position to gain hands-on experience, I have a solid foundation in C/C++, microcontrollers, and communication protocols. I have completed several projects involving IoT technologies. I am a fast learner, team player, and eager to contribute to a dynamic team.

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, Wifi..

- **Peripherals:** I/O, Timer, PWM, Interupt.

- **Soft Skills:** Teamwork, Self-study, Stress management, Problem-solving, Creativity.

PROJECTS

- **SmartHome interface design using Python** — Github

- **Data visualization using Python** — Github

- **Smart home system**
  Using: ESP32, fingerprint sensor, password locking, PWM,..

- **SmartHome application design using Java** — Github

- **SmartHome web design using HTML/CSS/JavaScript** — Website

- **3D house design with interactive features or firebase control using Unity** — Youtube

- **Several other project involving PCB** — Link

EXPERIENCE

- **Probability and Statistics teaching assistant** — From February 2022 to June 2023
  Assistance with question answering and grading

Global Certifications

- **Toeic** — Overall Score: 670