

Nguyen Anh Binh

INTERN

PERSONAL SUMMARY

Working and dedication at the company to experience the professional environment. In 5 years, becoming an well engineer with a high level of expertise, mastering the profession and important skills to give the best to the business.

CONTACT

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Github:

<https://github.com/nguyenanhbinh27042002>

Youtube :

<https://www.youtube.com/channel/UC0oYoPJ5HgKZQSCdZk2K9fq>

EDUCATION

Ho Chi Minh City University of Technology and Education
Course: Mechatronics Engineering
TOEIC: 580/990
GPA: 7.87/10.0

INTERESTS

- Swimming
- Reading books in the free time
- Play football

ACTIVITIES

- Participation: supporting the student to clear the room at school in the campaign "Green Sunday".

WORK EXPERIENCE

21/3/2023-30/5/2023

EMBEDDED ACADEMY TRAINING COURSE BY BOSCH Ho Chi Minh City, Vietnam

CAN protocol, Automotive basics, Testing, SW Development, Safety and Security

2/2022-5/2022

- Calculation and design of electronic boards while studying the subject " Power electronics "
- Designed and implemented an autonomous line-following robot using PIC16F887

8/2022-12/2022

- Calculation and design model "Robot Scara 3DoF" while studying the subject "The Industrial Robots" such as
- 3D design with SolidWorks.
- Programming on Arduino using forward and inverse kinematics for robot control.
- Testing and debugging errors

SKILLS

- Intermediate-level English (TOEIC 580)
- Proficient in programming languages: C, C++, C#, python
- Knowledge of sensors, encoder and servo system in the industry
- Have knowledge about PLC S71200
- Basic knowledge with embedded platforms such as Arduino, Raspberry Pi, STM32, PIC, and ARM Cortex-M
- Communication protocols such as I2C, SPI, UART, MODBUS and CAN.
- Knowledge of circuit design, schematic capture, and PCB layout using software Protues.
- Basic knowledge about some design software: Autocad 2D.
- Basic knowledge of Linux, ROS, and Gazebo Simulation
- Be able to use Robot Studio, Visual Studio, Visual Studio Code, and Keil C
- Ability to debug and troubleshoot hardware and software issues.
- Communication skills and ability to work in a team environment.
- Adaptable and resistant to high pressure from the working environment.