

Nguyen Anh Binh

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<https://github.com/nguyenanhbinh27042002?tab=projects>

Summary

* Experiences:

- 8/2023 - 1/2024 : Internship in BOSCH GLOBAL SOFTWARE Ho Chi Minh City, Vietnam

Testing the SW to implement in the EPS (Electronics Power Steering System)

- 9/2023 - 1/2024 : Design the Mechatronics project "Mobile Robot 3 DoF" in the HCMUTE University

Design and Simulation HW of Robot by SOLIDWORKS and MATLAB Simulink tools.

Calculation and Design the PID controller to implement SW and control the Robot.

- 3/2023 - 5/2023 : EMBEDDED ACADEMY TRAINING COURSE BY BOSCH Ho Chi Minh City, Vietnam

CAN protocol, Automotive basics, Testing, SW Development Life Cycle, Safety and Security.

Processing Data and Training Model AI to Diagnostic and detect COVID-19 in Lung by using X-ray image, Identify defective workpiece surfaces to application for Machine Vision field.

- 8/2022-12/2022 :

Calculation and design model "Robot Scara 3DoF" by tool AutoCAD, SOLIDWORKS in the Industrial Robots Fields.

- 2/2022-5/2022: Calculation and design of electronic boards Power Amplifier.

* Skills:

- Strong in programming languages: C, C++, C#, python.
- Basic knowledge Linux with embedded platforms such as Raspberry Pi, PIC, and ARM Cortex-M.
- Basic knowledge about communication protocols such as I2C, SPI, RS_232, MODBUS and CAN.
- Knowledge of circuit design HW, schematic capture, and PCB layout. and using tool AutoCAD, SOLIDWORKS.
- Be able to use Visual Studio, Visual Studio Code
- Intermediate-level English

Experience



Engineer Intern

Bosch Vietnam

Aug 2023 - Jan 2024 (6 months)

During 6 month, I'm fix-term in Bosch Global Software in VietNam and my role is tester. My responsibility is testing the system automotive detail about EPS (Electric Power Steering)

Education



HCMC University of Technology and Education

Bachelor's degree, Mechatronics, Robotics, and Automation Engineering

Oct 2020 - Dec 2024

Hi, I am Nguyen Anh Binh studying Mechatronics at HCMC University of Technology and Education.

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

Licenses & Certifications

Get Started with Spreadsheet Applications: Excel - SkillUp EdTech

HVXRYTWZAVKN

Get Started with Mail and Calendar Applications: Outlook - SkillUp EdTech

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The Certificate get in the university - HCMC University of Technology and Education



The Certification for Automation Fields in the Industries - HCMC University of Technology and Education

Skills

Visual Studio • SOLIDWORKS • AutoCAD Mechanical • Python (Programming Language) • C# • Keil uVision • MATLAB • C++ • C • Computer-Aided Design (CAD)