

# Tran Nhu Hai

HARDWARE ENGINEER

4 YEARS OF EXPERIENCE



## DETAILS

Birthday : 30 July 1997

Gender : Male

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## INTRODUCE

I have been working in the electrical and electronic field since 2019, with 4 years of experience as a technical staff in the following jobs: design PCB electronic circuit; embedded programming C/C++ with Arduino, STM8, STM32, AVR; testing the operation of electronic components (sensors, modules, etc); participating in the production of electronic circuits (soldering, assembling, testing the operation of PCB circuits, etc). With my working experience, I wish to participate and contribute my efforts to the company as a technical staff in designing PCB electronic circuits.

## EDUCATION

➤ **2015 - July 2019**

**HANOI UNIVERSITY OF INDUSTRY (HaUI)**

Mode of study: Full-time

Major: Electrical and Electronic Engineering Technology

Degree classification: Good

## SKILLS

Professional skill:

- Design hardware for electronic circuits, using Altium Designer software tool.

Other skills:

- Read mechanical drawings, using SOLIDWORKS software tool.
- Able to make PCB sample circuits, test circuits.
- Welding electronic components, assembling, checking operation, good fault finding with PCB electronic circuits.
- Basic programming: C/C++ (Arduino, STM8, STM32, AVR).
- Good using: Word, Excel, Google Sheet, etc.
- English language: read, write.

## WORK EXPERIENCE

### ➤ 2019 - Sep 2022

#### **SMD ELECTRONIC JOINT STOCK COMPANY**

Address: No. 01, Nguyen Xa 1 residential group, Minh Khai Ward, Bac Tu Liem District, Ha Noi City.

##### ***Technical staff***

- Designed simple electronic circuits. Made circuits for test. Wrote programs to test some sensors, modules, LCD displays, etc.
- Electronic circuit manufacturing: Soldered components. Loaded code. Tested and repaired large quantities of electronic circuits.
- Designed some products of filter, sound electronic circuit, fan control circuit.

### ➤ Oct 2022 - Jan 2024

#### **VNM SIMULATION EQUIPMENT JOINT STOCK COMPANY**

Address: No. 55 - Binh Doan Region 12, Dai Mo Street, Dai Mo Ward, Nam Tu Liem District, Ha Noi City.

##### ***Technical staff***

- Designed PCB electronic circuits for some new products.
- Upgraded PCB electronic circuits for some available products.
- Made sample circuits, checked the operation of the designed PCBs.
- Analysed causes and repaired circuit errors.
- Exported BOM and support files for PCB electronic circuit production.
- Checked components in stock. Found and compared necessary components from suppliers.
- Completed PCB electronic circuit design for some products:
  - VNM Motion Controller - the motion simulation control product uses servo drives. It reads the game control signals from the PC computer and outputs the servo motor control signals.
  - VNM GT Steering Wheel V1, VNM Button Box V1, VNM SEQ Shifter V2 - The products that read, receive control signals and put them into game applications on PC computer. The product is designed like a racing car.

## CAREER OBJECTIVE

- Continuously learn from experience in product design and work.

**Some pictures of Schematic and PCB are designed:**

<https://github.com/trannhuhai-300797/storage.picture.designed-PCB>