



# NGUYEN DUY VIEN

Fresher C/C++ Software Engineer

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## EDUCATION

Sep 2016 + **DANANG UNIVERSITY OF TECHNOLOGY**  
↓  
Dec 2020 | [Major: Control and Automation engineering](#)  
GPA: 3.0/4.0

## WORK EXPERIENCE

Jan 2021 + **HOA PHAT DUNG QUAT STEEL JOINT STOCK COMPANY**  
↓  
May 2021 | [Automation Engineer](#)  
- Monitor, troubleshoot and handle problems related to automatic equipment of the production line.

Jul 2020 + **THUA THIEN HUE POWER COMPANY**  
↓  
Dec 2020 | [Interns](#)  
- Designing distribution grid automation system on MicroSCADA and Matlab software.  
- Won the Consolation Prize at the Faculty of Electrical Engineering Student Scientific Research Conference 2020

Nov 2019 + **SAVINA POWER COMPANY, DANANG**  
↓  
Feb 2020 | [A collaborator for the Design Inverter project](#)  
- Designing inverter device for solar battery system based on MPPT control algorithm

## PROJECTS

Jun 2020 + **GRADUATION PROJECT**  
↓  
Dec 2020 | [Distribution automation system](#)  
- Based on the particle swarm optimization algorithm to build a tool to help operators provide the most optimal solution to restore power from HMI after the distribution grid fails.

Mar 2020 + **REAL TIME SYSTEMS**  
↓  
May 2020 | [Line follower robot car](#)  
- Using C language to program multi-tasking on PIC microcontroller.

Nov 2019 + **INDUSTRIAL COMMUNICATION TECHNOLOGY AND SCADA**  
↓  
Dec 2019 | [Building SCADA system for Smart vegetable garden project](#)  
- Building a temperature and humidity monitoring system for the garden.

May 2019 + **MICROPROCESSOR AND MICROCONTROLLER PROJECT**  
↓  
Jun 2019 | [Measuring distance](#)  
- Using PIC 18F microcontroller in combination with ultrasonic sensor to design a device capable of measuring distances.

## SOCIAL ACTIVITIES

**2016 - 2017** - Council of Quang Tri in Da Nang.  
- Voluntary Blood Donation Day.

**2017 - 2018** - A member of the communication department of the Career counseling program for high school students in Quang Tri Province.

## SUMMARY

I am a cheerful, sociable, and progressive person. Disciplined work, put the interests of this organization ahead.

## OBJECTIVE

### Short term:

- During 2 months, I want to settle down in the new work environment as quickly as I can.

### Long term:

- Mastering 5G technology, and absorbing new technologies.  
- Achieve lead developer.

## SKILLS

English: TOEIC - 555

C/C++ language

AutoCAD tool

PLC language

PCB board design

Teamwork

Presentation skill

Logical thinking and creative

Office

## INTERESTS

- Soccer
- Swimming
- Music
- Traveling