



NGUYEN DANG MINH HUNG

Electrical & Electronics Engineering

📅 28/08/93

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📍 Da Nang, Vietnam

👤 male

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🌐 <https://github.com/bagac>

OBJECTIVE

I'm an automatic system designer with more 2 years experience in C/C++ and Altium technology.

I always improve myself to response the requirements of the job and support my colleagues as soon as I can.

My goal is to become an expert in the field of research and development of electronic automation products.

I often reading books, IT programing blogs, research new technology about IOT system, Machine and automatic system design

HONORS & AWARDS

-National Prize for the competition Imagine Cup 2016 with the Smart Garden project
(04/2016)

-Third Prize in the contest of innovative projects-start Startup UniTour with project Smart Garden
(2016)

-Encouragement Award design competition with MCU of Texas Instrument at Da nang with the subject two-wheeled self-balancing Robot
(2014)

-The scientific research projects completed:+ Two-wheeled self-balancing bike
+ Smart timer products
+ Surveillance system in the Museum
+ Conveyor product classification based on supervised learning
(2014 - 2016)

EDUCATION

DUY TAN University (Oct 2012 > DEC 2016)

Major: ELECTRONIC AND COMMUNICATION

GPA: 3.03/4

WORK EXPERIENCE

VIETAN ENVIRONMENT ENGINEERING JOINT STOCK COMPANY (01/2017 > 07/2017)

Position: Technical and Application staff

Worked with:

- Online PH Meter
- Conductivity Online Analyzer
- Dissolved Oxygen Online Analyzer
- Water Analyzers

Learn how to trainig for use and maintenance Analyzers Machine

DUY TAN UNIVERSITY (07/2017 > Now)

Position: Electrical & Electronics Engineering

- Programming language knowledge:

+ Using **C/C++ language** to software development for MCU.

Design auto model for machines have used some MCU library, Example library and Useful information from producer.

+ I have some skills for debug and fix this bug when i coded. I really think how to make a clean code and it will be reuse for next time.

+ Sometime, when i got a hard error or difficult alogrithm, i will check it on <https://stackoverflow.com/questions> or some tutorial i can find on google.com

+ I have knowledge to worked with all Arduino Board as Arduino Uno, Nano, Mega2560, DUE, Pro Mini, ESP8266, ESP32...

- Use I2c for LCD Dislay, DS3231, MPU 6050...
- Use UART for Sim900A module, RF Uart 433Mhz HC12...
- Use SPI for Micro SD, Oled LCD, NRF 24L01...

+ In addition, I also learned **Python programing languages** and now I can use it basicaly. Some libraries I have learned and used:

- Numpy, Pandas, Matplotlib
- File, Exception, Regular Expression....

My orientation is learn Python for Computer Vision, built and development some AI project in the future.

SKILLS

Communication



Working group



Office Software Skill



English Language



ADDITIONAL INFORMATION

- Ability to analyze project requirements, a specific work plan.
- Team work skills and work independently, good job pressure.
- Toeic 450
- Successful completion of CCNA network administrator.
- Participate in training information copyright and patent registration.

REFERENCES

TS. Dang Viet hung - Employees of research institutes and high-tech Development at DTU.

- Tel: 0905 070 709

- Email: dangviethungha@gmail.com

Mr. Vo Duc Toan - Microsoft Innovation Center Director at DTU

- Tel: 0935 121 003

- Email: voductoan@duytan.edu.vn

So I need to research and improving my knowledge in this field.

- **Electrical and electronics knowledge:**

+ I have experience to read documents from the manufacturer as Machine catalog, Electronic components datasheet...

+ I have some knowledge for MCU circuit design by **Altium**

software:

- Design Arduino Board with Atmega328P MCU
- Design Sensor circuit, Relay Module, Sim and Wireless shield...
- Design Power module with IC 78x, LM2596, XL4015, LM317...
- Create a component library, 3D footprint for Altium software
- Name of Automated system i was design:
 - Smart vegetable garden care products:
 - Smart home control and management system
 - Smart stair lights
 - Ministry of taking care of plants by hydroponic method (SmartGarden, Nano Farm)

OTHER JOBS (07/2017 > Now)

(Free Time)

- Install computer software, office software
- Installation of cameras
- Router - Wifi for houses and motels
- Repairing electricity and water and civil equipment
- Online business selling phones - computers- Drop Shipping US & Chinese products