

# NGUYEN VUONG THUY NGAN

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My keywords: Science, Education, Technology.

I want to pursue

## EXPERIENCE

2015 – NOW

**TEACHING ASSISTANT, DEPARTMENT OF PHYSICS AND COMPUTER SCIENCE**

My mainly activities are supporting student and teaching 2 courses at Physics and Computer science Department: Microcontroller and Embed system.

JUNE-SEPTEMBER 2013

**INTERN, NATIONAL INSTRUMENT VIETNAM**

For 3 months internship at NI Vietnam, I studied LabVIEW and researched on Machine condition monitoring market.

## EDUCATION

2016 NOW

**MASTER OF SCIENCE IN PHYSICS,** UNIVERSITY OF SCIENCE HCM, VIETNAME  
NATIONAL UNIVERSITY

Thesis topic “EEG analysis and classification”

2014 - 2015

**EXCHANGE STUDENT,** UMEA UNIVERSITY, SWEDEN

2014

**BACHELOR OF SCIENCE IN PHYSICS,** UNIVERSITY OF SCIENCE HCM, VIETNAME  
NATIONAL UNIVERSITY

Honor program in Physics, GPA: 8.4/10.

Thesis topic “Multichannel Active noise control”

## ACHIVERMENT

2018

**MASTER OF SCIENCE IN PHYSICS,** UNIVERSITY OF SCIENCE HCM, VIETNAME  
NATIONAL UNIVERSITY

Thesis topic “EEG analysis and classification”

2017

**DETECT QRS COMPLEX IN ECG**

Oral presentation, The 12th IEEE Conference on Industrial Electronics and Applications (ICIEA 2017), published in IEEEEXPLORE 2018

**2016**

### **CONTROL MECANUM CAR BY BRAINWAVE**

Supervisor for Tran Minh Tuan in “Student research Science” contest 2016 contest (2<sup>nd</sup> price)

**2015**

### **MULTI-CHANNEL ACTIVE NOISE CONTROL**

Journal of Science and Technology Development of University of Science ISSN: 1859-0128

**2013**

### **QRS DETECTION**

3rd price “Student research Science” contest 2013

**2012**

### **USING NOISE CONTROL IN THE HEADPHONE**

“Student research Science” contest 2013, 2 prizes: the first prize and the special prize

## **SKILLS**

### **PROGRAMING LANGUAGE**

#### **MAIN**

- LabVIEW
- MATLAB
- C

#### **SUB**

- C++,C#
- Java, html
- Verilog HDL
- React Native

### **ENGLISH**

#### **ILETS**

**6.5** 2018

#### **TOIEC**

**780** (R+L) 2017

## **INTERSET**

- Signal processing
- Simulation
- Internet of thing
- Application and User Interface
- Measurement System

## **REFERENCES**

**Ass. Prof. HUYNH Van Tuan**  
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University of Science, Vietnam

**Prof. DANG Van Liet**  
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