

# SELF-INTRODUCTION - VSON

PHAN QUANG SON

HO CHI MINH CITY UNIVERSITY OF EDUCATION  
(HCMUE)



phanquangson026806@gmail.com

ICISE Quy Nhon, July 16th, 2024

# INFORMATION

- **Full Name:** PHAN QUANG SON
- **Date of Birth:** August 13th, 1998.
- **Gender:** Male.
- **Phone:** (+84) 93942928.
- **Email:** phanquangson026806@gmail.com
- **Address:** Thuan An, Binh Duong, Viet Nam.
- **FB:** <http://fb.com/phan.quang.son.026806>

# OBJECTIVE

- An ambitious and eager student with a great passion for working in research areas as a scientist with an emphasis on calculation of thermodynamic functions throughout my research course.
- Able to collaborate efficiently with other members of the research group including working with diverse groups of people.
- Learning how to assess, plan, ability to analyze problems, generate multiple solutions, to act on decisions, communicate your research skills and impact in a research environment.
- Research on machine learning with methods of linear regression and nonlinear regression to solve various problems.

# EDUCATION

**09/2016  $\implies$  08/2020**

Ho Chi Minh City University of Education (HCMUE)

Major: Physics Teacher Education

Degree classification: Very good

GPA: 3.36/4.00

**12/2020  $\implies$  Present**

Ho Chi Minh City University of Science (HCMUS)

Major: Theoretical and Mathematical Physics

GPA: 3.20/4.00 or 7.64/10.00

# WORK EXPERIENCE

## AMO GROUP - DEPARTMENT OF PHYSICS - HCMUE

Supervisor: Assoc. Prof. Pham Nguyen Thanh Vinh.

Projects:

**1. My thesis:** Numerical investigation thermodynamics properties of ideal quantum and classical gases in one, two and three-dimensional space

Thesis Defense Date: Saturday, March 16th, 2024; GPA: 8.55

### **2. Thermodynamics:**

- Exact analytical calculations of thermodynamic functions of Maxwell gas.
- Approximate analytical calculations of thermodynamic functions of Fermi and Bose gases.
- Studying physical properties of ideal gases in one, two and three-dimensional space.

### **3. Future plans**

- Studying numerical method the nonlinear Schrödinger equations TISE by DVR technique.
- Writing a scientific papers Q2

# SKILLS

- Professional Skills: Statistical physics, Quantum Physics.
- Soft Skills: Communication, Teamwork, Time Management, Logical thinking and creativity.
- Technical Skills: Machine Learning, Python, MATLAB, Fortran, Gnuplot, Mathematica, Latex, Office.

# ACTIVITIES

## **1.AMO GROUP OF ACTIVITIES**

Participant

Visiting Vocational Training Center for People with Disabilities and Orphans in Ho Chi Minh City  
Visiting Center Nurturing and Sponsorship Children Go Vap, Ho Chi Minh City

## **2. THE 47TH VIETNAM CONFERENCE ON THEORETICAL PHYSICS (VCTP-47)**

Participant

Taking part in VCTP-47 (2022).

## ADDITIONAL INFORMATION

### ADDITIONAL INFORMATION

- 1. I'm a jovial person and have a vivid imagination.
- 2. I like to do everything by myself.
- 3. I can focus for long periods of time.
- 4. Having good mental health and cool headed.
- 5. Having a healthy lifestyle.
- 6. Keeping your relationship strong and healthy.

### INTEREST

- 1. Listening to music
- 2. Watching science channel
- 3. Study abroad
- 4. Reading Books
- 5. Do-it-Yourself
- 6. Badminton





# THANK YOU FOR LISTENING !!!

(+84) 93942928.  
phanquangson026806@gmail.com