

## **BUI DUC THO**

### **INFORMATION**

Name Bui Duc Tho  
D.O.B 06/04/1997  
Sex Male  
Address Phung Khoang Street, Thanh Xuan District,  
Hanoi City  
Phone (+84) 336628285  
  
Email ducthohnvn@gmail.com  
Skype ducthohnvn



**EDUCATION:** Viet Nam National of Science Ha Noi  
Bachelor's in Analytical Chemistry  
with Honors Major: Chemistry  
GPA: 3.27/4.00

Relevant Coursework:	Accelerated Chemistry Organic chemistry Polymer Chemistry	Inorganic Chemistry Lab Instrumental Characterization
----------------------	---	--

Languages: Proficient in English

### **EXPERIENCE:**

**10/2019 – 06/2019:**

**Gachon University, Korea: Intern Researcher**

**Proposal (Writer):** Application of AI for simultaneously estimation of State of health (SOH) and State of Charge (SOC) of Lithium batteries  
Air pollution level assessment of subway stations in Seognam

**06/2019 – 10/2019:**

**LG Display Viet Nam Hai Phong: R and D Engineer**

Development and improvement of production stages

Research and analysis of product defects

**01/2019 – 06/2019:**

**Hanoi University of Science, Faculty of Chemistry**

**Graduation Thesis (Writer):** "Classification and identification of Vietnamese green tea geographic resources based on UV-vis data connection with infrared spectra using artificial

network”

**07/2018 – 12/2018:**

**Hanoi Department of Standards Metrology and Quality**

- Using analytical instruments like Atomic Absorption (AAS), Inductively Coupled Plasma – Mass Spectrometry (ICP -MS) and Gas Chromatography to control the quality of food, water and steel.

**07/2017 – 04/2018**

**Hanoi University of Science, Faculty of Chemistry**

**Pre-Thesis Project (Participant):** “Simultaneous Determination of Caffeine, Theobromine, Theophylline and based on infrared reflectance spectra data and High Liquid Performance Chromatography combined with multivariate analysis”

**06/ 2017-07/2017**

**Viet Nam Academic of Science and Technology**

**Research Project (Participant):** “Simultaneous Glucose and Ascorbic acid on Glassy carbon electrode modified” in Viet Nam Academic of Science and Technology

## **PUBLICATIONS**

**07/2018:** Hue Thi Tran, Thi Thao Ta, Van Ri Nguyen, **Duc Tho Bui**, *Simultaneous determination of Caffeine, Theobromine, Theophylline based on infrared reflectance spectra data and High Liquid Performance Chromatography combined with multivariate analysis*, Viet Nam analytical of Science, pp 219-222.

**09/2017: Duc Tho Bui**, Thi Thao Ta, Xuan Thanh Bui, Thi Hue Tran, *Geographical and simultaneous determination of methylxanthines in Vietnamese teas using chemometrics based on the infrared Reflectance spectroscopy*, Journal of Analytical Conference 2019

## **AWARDS:**

**2019** “Good idea” for innovation prize of August 2019 at LG Display Viet Nam Hai Phong.

The third prize in “National Poster Award” in Analytical Conference 4/2019  
The third prize in “Student research Science” competition of Ministry of Education and Training  
The third prize in “Student research Science” competition of Vietnam National University of Science Hanoi.

**2018** The second prize in “Student research Science” competition of Ha Noi University  
The first prize in “Student research Science” competition of Faculty of Chemistry

Scholarship for outstanding academic achievement in semester II (GPA: 3.73/4.0)

## SKILLS

- |                            |  |
|----------------------------|--|
| <b>Technical Skills</b>    | <ul style="list-style-type: none"><li>• Have basic knowledge about electric battery, especially lithium battery</li><li>• Proficient in using tools, chemical machines in laboratory</li><li>• Knowledgeable in Analytical Chemistry, Principles of analytical chemistry instruments such as High-performance liquid chromatography (HPLC), Voltammetry Analysis (VA), UV-VIS, Near Infrared (NIR), Atomic Absorption (AAS), ICP-MS, GC-MS.</li><li>• Using some statistical systems like MINITAB and MATLAB.</li><li>• Proficient in reading articles, documents about sciences and technology, especially chemistry in English</li></ul> |
| <b>Core Competences</b>    | <ul style="list-style-type: none"><li>• Have a high sense of responsibility</li><li>• Being a fast learner and independent worker</li></ul>  |
| <b>Soft Skill</b>          | <ul style="list-style-type: none"><li>• Presentation and idea skills</li><li>• Use pretty good graphic software like Adobe Premier, Adobe Photoshop, Adobe Illustrator.</li></ul>  |
| <b>English Proficiency</b> | IETLS 5.5 Overall Score  |

## REFERENCE

### **Assistant. Prof. Vo Van Giau**

Department of Bionano, Gachon University

Phone: (+82) 10 4563 3589

Email: giauvvo@gmail.com

### **Associate. Prof. Ta Thi Thao**

Department of Analytical Chemistry, Faculty of Chemistry, Viet Nam National University of Science Hanoi

Phone: (+84) 977323464

Email: tathithao@hus.edu.vn