

# Ngoc Duy Tran

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## EDUCATION

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### Bachelor of Science

Mar 2021 - Jul 2024

The University of Melbourne

- Major in Data Science
- GPA: 92.5/100 (98/100 for computing subject)

### Secondary Education

Aug 2017 - Aug 2020

HUS High School for Gifted Students

- GPA: 9.3/10 (2018)
- GPA: 9.6/10 (2019)
- GPA: 9.7/10 (2020)

### IELTS

Aug 2019 - Present

Overall Band Score: 8.0

## HONORS AND AWARDS

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### International Exhibition for Young Inventors in India

2018

Gold Medal

- International Exhibition for Young Inventors (IEYI) is an annual international exhibition of youth creativity invention, which attracted over 350 young inventors from 14 countries and territories in 2018.
- Was the only Vietnamese project winning a gold medal.
- Link: <https://vtv.vn/the-gioi/doan-viet-nam-thang-lon-tai-trien-lam-quoc-te-danh-cho-cac-nha-sang-tao-tre-leyi-2018-20181020121916875.htm>

### HSGS Olympiad

2018

Gold Medal in Chemistry

- Organized by the HUS- High School for Gifted Students, the HSGS Olympiad attracted hundreds of candidates from various high schools in Hanoi and other cities.
- One of the 7 contestants who won the first prize.

### Academic performance

2017 - 2020

- Rank 2nd out of 577 students in 1st Semester Final Test – School Year 2019 – 2020
- Rank 2nd out of 522 students in 1st Semester Midterm Test – School Year 2018 – 2019
- Rank 2nd out of 562 students in 1st Semester Final Test – School Year 2018 – 2019
- Honour Student – School Year 2017-2018

## EXPERIENCE

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### Project participant

Jul 2021 - Aug 2021

Digital Industry Project, BOA, Melbourne

- Collaborated with 5 students from the University of Melbourne across different disciplines as a student consulting team for Mitcham Community House.
- Delivered a comprehensive business report regarding business status identification, competitor analysis, value proposition, target audience persona design, tailored business solution, and marketing strategies
- Led 2 important tasks: tailoring business solution and conducting competitor analysis in project, receiving tremendous compliment from Mitcham Community House (customer)

### Intern/ Research Assistant

Jun 2018 - Nov 2018

Hanoi University of Science, Hanoi

- Co-researched for group project "Monitoring Environment of Aquaculture in Cages", helping farmers control fishing environment with different sensors using 3 parameters

- Installed and maintained multiple sensor stations consisting of 3 parameters: temperature, pH and salinity, connected through a wireless sensor network
- Comprehended and implemented basic programming in Python and Arduino to control sensor stations
- Won the Golden Medal in the International Exhibition for Young Inventors in India

**Mentor/ Leader****Nov 2018 - Dec 2018**

Hanoi Amsterdam Secondary School, Hanoi

- Planned and organized "Math Open Day" Science Exhibition with school's Robotics Team, set up Hanoi University of Science's exhibition spaces, and directed product presentation
- Organized 4 robotics games for primary and middle school students, engaging children's inspiration with science

**Teaching Assistant****Aug 2018 - Present**

Apollo English - Pho Hue, Hanoi

- Planned and demonstrated strong planning and organisation skills to prepare material facilitating English use for primary students for over 3 years
- Lead a 1-1 class to tutor students with lower academic ability to keep track of class progress

**Intern****May 2019 - Aug 2019**

Apollo English - Lieu Giai, Hanoi

- Demonstrated ability to collaborate with and support marketing team of 4 to collect data for advertisement

**TECHNICAL SKILLS**

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- Strong in data analytics with application in Python
- Programming Languages: Python, C(basic) and MATLAB(basic)
- Microsoft Office Suite (Word, Powerpoint, and Excel)

**VOLUNTEER AND EXTRA-CURRICULAR ACTIVITY**

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- Volunteered at Green Hanoi-Amsterdam, streamlining inventory operations, negotiating with 4 vendors for equipment to build recreational zones for a seven-day camp 'Camp Blast' from 2019-2021
- Volunteered at Family Medical Practice Hospital Hanoi, organizing recreational activities for children patients for Mid-Autumn Festival in 2018
- Black belt in Taekwondo (first rank)