

## Dao Ngoc Hoa

---

3/99 Thanh Thai, District 10 • Ho Chi Minh City • daongochoa2002@gmail.com • +84977908027

**Profile:** As an innovative and ambitious college student pursuing a Bachelor's Degree in Information Technology at the University of Science, I am driven by the desire to apply data science to create a positive impact and contribute to making the world a better place to live.

### Education

2020 - Present	<b>University of Science - Ho Chi Minh National University, Vietnam</b> Bachelor of Information Technology. CGPA: 8.61/10	Graduation Date Thesis: 8/2024
----------------	------------------------------------------------------------------------------------------------------------------------------	--------------------------------

### Experience

2023 - Present	<b>Student/Researcher, Computer Science Department</b> Conducting a survey on the Temporal Knowledge Graph domain under the guidance of Master Le Ngoc Thanh. Additionally, working on a dissertation focusing on Graph Neural Network for Temporal Knowledge Graph Completion.	University of Science
----------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------

### Activities & Workshops

2023 - Present	<b>Collaborator, Robotics &amp; IoT HCMUS</b> As a teaching assistant, I guide children in building with LEGO and support various club activities and competitions.	Ho Chi Minh City
2019 - 2022	<b>Translator, IELTS Song Ngu</b> Translated English books, papers, and videos into Vietnamese, including materials such as Cambridge English IELTS, Economist papers, and TED Ed videos.	Remote
8/2023	<b>Participated in UIT Data Science Challenge</b> Collaborated with three peers to develop an NLP module for determining the credibility of claims (SUPPORTED, REFUTED, or NOT INFO) based on sentence content, providing evidence sentences for SUPPORTED or REFUTED claims.	
7/2023	<b>Attended FIT@HCMUS Summer School on LLM and AI</b> Participated in a 2-day introductory summer school hosted by the University of Science, Ho Chi Minh City, covering cutting-edge topics in Large Language Models, Artificial Intelligence, advanced machine learning, computer vision, and more.	
7/2023	<b>Volunteer at ROBOCUS</b> ROBOCUS is an event organized by Robotics & IoT HCMUS, aimed at fostering programming and innovation among primary and secondary school students. During the event, I assisted with logistical tasks to ensure its smooth operation.	
3/2023	<b>Attend SPIKE PRIME Club at American Center, Ho Chi Minh City</b> This course guides students in programming robots to accomplish specific tasks, fostering interest and enthusiasm for robotics among participants.	

### Awards & Scholarship

2020-2021	<b>Semester I&amp;II&amp;III Scholarship</b>	IT Faculty, University of Science
2021-2022	<b>Semester II&amp;III Scholarship</b>	IT Faculty, University of Science
2022-2023	<b>Semester III Scholarship</b>	IT Faculty, University of Science
2022-2023	<b>DXC Vietnam's Scholarship</b>	DXC Vietnam

## School Projects

- 2023      **Air Pollution Analysis**      Data Visualization  
Collaborated with four team members to develop an application analyzing global and Vietnam's air pollution levels. The project employed tools such as Tableau and Python (Plotly, Pandas, Seaborn) for robust data visualization and analysis. In my capacity as a Data Analyst, I interpreted and presented insights derived from the data. The application is accessible at: <https://daongochoa2002.github.io/finalProject/website/pages/>
- 2022      **Diabetes Management System**      Software Engineering  
Contributed to a team of five in developing a web application to assist diabetes patients in accessing information about healthy diets, medication descriptions, and scheduling appointments with doctors. In the role of a project manager, I oversaw task allocation using the Jira platform. The technology stack utilized for the website was MEAN Stack (MongoDB, ExpressJS, AngularJS, NodeJS). The project's code is publicly available on GitHub: <https://github.com/daongochoa2002/IntroSE-20CLC03-Group11>.

## Technical Skills

### Programming:

- Python (NumPy, Pandas, Matplotlib, Sci-kit learn, Statsmodels, PyMC, Pytorch, Tensorflow)
- C++
- Java
- JavaScript
- R

### Technologies

- Hadoop
- Apache Spark
- MongoDB
- Bash (Shell)
- Git
- Tableau
- PowerBI

## Interested Domains

- Data Science
- Artificial Intelligence
- Computer Science
- Statistics
- Machine Learning
- Deep Learning

## Language Proficiency

- Vietnamese: Native
- English: IELTS 6.0

## Interests

- Science
- Yoga
- Badminton

## Personal Details

<b>Website</b>	<a href="https://daongochoa2002.github.io/hoadao/">https://daongochoa2002.github.io/hoadao/</a>
<b>GitHub</b>	<a href="https://github.com/daongochoa2002">https://github.com/daongochoa2002</a>
<b>LinkedIn</b>	<a href="https://www.linkedin.com/in/hoa-%C4%91%C3%A0o-6bb60b153/">https://www.linkedin.com/in/hoa-%C4%91%C3%A0o-6bb60b153/</a>
<b>Languages</b>	Vietnamese, English
<b>Mobile No.</b>	+84977908027