

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.

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

Education

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

Experience

2023 - Present **Student/Researcher, Computer Science Department** University of Science
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.

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>.

Activities & Workshops

2023 - Present	Collaborator, Robotics & IoT HCMUS As a teaching assistant, I guide children in building with LEGO and support various club activities and competitions.	Ho Chi Minh City
2019 - 2022	Translator, IELTS Song Ngu Translated English books, papers, and videos into Vietnamese, including materials such as Cambridge English IELTS, Economist papers, and TED Ed videos.	Remote
8/2023	Participated in UIT Data Science Challenge 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	Attended FIT@HCMUS Summer School on LLM and AI 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	Volunteer at ROBOCUS 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	Attend SPIKE PRIME Club at American Center, Ho Chi Minh City This course guides students in programming robots to accomplish specific tasks, fostering interest and enthusiasm for robotics among participants.	

Awards & Scholarship

2020-2021	Semester I&II&III Scholarship	IT Faculty, University of Science
2021-2022	Semester II&III Scholarship	IT Faculty, University of Science
2022-2023	Semester III Scholarship	IT Faculty, University of Science
2022-2023	DXC Vietnam's Scholarship	DXC Vietnam

Interested Domains

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

Language Proficiency

- Vietnamese: Native
- English: IELTS 6.0

Personal Details

Website	https://daongochoa2002.github.io/
GitHub	https://github.com/daongochoa2002
LinkedIn	https://www.linkedin.com/in/hoa-%C4%91%C3%A0o-ng%E1%BB%8Dc-6bb60b153/
Languages	Vietnamese, English
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