Tuan Kiet Dang

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Education

VinUniversity Hanoi
Bachelor of Data Science **06/2029**

Experience

TIC disorder research Ho Chi Minh
Researcher 04/2023 – 09/2023

- This research project was born to create the solution to alleviate the harm that TIC disorder causes to the patients. My main role in this project is to provide technical solutions to patients.
- Begin each line with an action verb and include details that will help the reader understand your accomplishments, skills, knowledge, abilities, or achievements. This project was submitted to the GiaDinh Science and Engineering Fair and took the 3rd prize. During this time, I have learnt a variety of multidisciplinary knowledge including healthcare, psychology and physics.

Thousand Sunny Ho Chi Minh
Software Engineer 05/2024 – 10/2024

- This project is about giving agricultural solutions by using the biplane. It has been submitted into the Bach Khoa Innovation competition and took 20th place at the end. I participated in this team as software engineer, my job was created, deployed and maintained the web that controlled the airplane.
- During this time, I have learnt a lot about technical drawing, biplane theory and physics. Moreover, my software engineering skill was also fostered during this time.

Lightweight, explainable AI for Healthcare (UROP@CECS) Hanoi
Research Assistant 09/2025 – 12/2025

- In first 2 months, I was assigned to learn foundation of AI in Coursera. After this period, I have strengthened my knowledge base about machine learning and deep learning.
- In a next month, I was assigned to read and write report about paper “HEALNet: Multimodal Fusion for Biomedical Data”. After learning and researching for a month, I can partly understand its main concept and can deploy this model by myself.

Policy Pathways for Achieving Sustainable Urban Mobility in Emerging Cities Hanoi
Research Assistant 03/2026 – now

- Spearheaded end-to-end data pipeline development under faculty guidance, managing the entire lifecycle from raw data collection to advanced processing and data cleaning.
- Analyzed complex urban mobility datasets to extract actionable insights and trends, supporting evidence-based policy recommendations for sustainable transportation in emerging cities.

Leadership & Activities

IST Club – Gia Dinh high school Information Technology and Science Club Ho Chi Minh
Co-founder/Head of human resource 08/2022 – 06/2024

- I found this club because I want to make a dynamic study environment for the people who are interested in IT and want to participate in competitions in this field. During my prorogue, I have successfully built my club and lead 20 students from 0 to nearly 1 thousand followers on FaceBook like now. Especially, my team and I have organized the first and only Arduino contest in my school and it had attracted more than 1 thousand reactions and shares on Facebook.
- Not only hard skills like programming or technical knowledge, I also learn a lot of helpful skills like leadership, communication, a minority of design and content and the most important trait with a good leader, empathy. This club marks the significant milestone during my high school, I have been matured a lot after this time and become a better version of myself.

Funix – an online IT training platform in Vietnam Online

Tutor 07/2023 – Now

- At the beginning, I participated in this platform as a student. However, after studying and getting high results in exams, I had been invited to join as a tutor.
- That was the first time I tried to convey knowledge to someone else, despite some barrier about pedagogical skills at some first lessons. I have upgraded my communication skills to adapt to this role. I am tutor in 3 subjects:
    - Intro to web design, Intro to computer science, Computer Architecture

Vintelligence – AI and Data Science club of VinUniversity Hanoi

President

- **Direct overall club strategy and operations**, championing data-driven learning and technical projects across the university community.
- **Manage executive board members and functional departments** to execute university-wide events, hackathons, and research sharing sessions.
- **Cultivate external partnerships and internal talent pipeline**, fostering a robust ecosystem for academic and professional growth in AI & Data Science.