Tuan-Vo Lan

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EDUCATION

VNUHCM - University of Science Ho Chi Minh, Viet Nam
Bachelor of Science in Computer Science: **GPA: None** August 2024 – May 2028 (Expected)

Nguyen Binh Khiem High School for the Gifted Quang Nam, Viet Nam
Specialized in Competitive Programming: **GPA: 9.3/10.0** Sep 2021 – May 2024

AWARDS & ACHIEVEMENTS

Gold Medal, Traditional 30/4 Olympiad in Informatics **2023**
- An annual competitive programming competition mainly for gifted students in the South and Central regions (rank 10/160).

Gold Medal, Informatics Olympiad in the Central - Central Highlands **2023**
- Prestigious yearly algorithmic contest for high school students in the region (rank 7/100+).

First Prize, "Tin Hoc Tre" Provincial Competition **2023**
- Yearly provincial programming contest, awarded to the best-performing team in the competition.

Top 50, Code Tour Challenge Final Round by VNG **2024**
- Solved competitive programming problems prepared by VNG.
- Passed three elimination rounds and got top 50 at the Final round, awarded a VNG T-shirt.

Second Prize, Provincial Olympiad in Informatics **2022**
- Prestigious algorithmic contest for high school students in Quang Nam Province.

IELTS 7.5 - CERF Level C1 **2024**
- Advanced English language certification.

PROJECTS

Move Prediction in Gomoku using Deep Learning
- Built a Convolutional Neural Network (CNN) achieving 39% accuracy on predicting moves in Gomoku.

Road Sign Classification
- Distinguishes stop signs, speed limits, yield signs, etc., with 90% accuracy using advanced CNN models.

Other Projects
- Explored machine learning techniques, strategic decision-making in games (e.g., Nim, Tic-Tac-Toe), and attention mechanisms to deepen my knowledge.

EXPERIENCE

Volunteer at Contest Team at VNOI **August 2024**
VNOI is a nonprofit organization promoting computer science education in Vietnam.
- Developed and proposed problems, some of which were used in high-quality contests such as the OI Contest and VNOI's Regular Contest.
- Supervised the National Student Informatics Olympiad and the 2024 ICPC Asia Hanoi Regional, gaining event-management experience.

Member of AI & DS team at Google Developer Group on Campus **November 2024**
A community of students passionate about technology, coding, and innovation using Google technologies.
- Collaborated with peers to develop AI/ML projects utilizing Google's tools and frameworks.

SKILLS

Languages: C++, Python.

Libraries: Tensorflow, Pytorch, Pandas, Numpy,...

Tools: VSCode, VS, Kaggle Notebook.