

Hung Vu Gia

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OBJECTIVE

Software engineering student at RMIT University Vietnam with interests in programming, artificial intelligence, mathematics, and physics.

EDUCATION

Bachelor of Engineering, Software Engineering 2025-Present

RMIT University Vietnam *Ho Chi Minh City, Vietnam*

- GPA: 3.9/4.0

High School Diploma 2022-2025

Tran Phu High School, HCMC *Ho Chi Minh City, Vietnam*

- GPA: 9.3/10.0

SKILLS

Programming: C, C++, Python

Computer Science: Data structures, algorithms, object-oriented programming (OOP)

Tools and Hardware: Git, Arduino, MATLAB & Simulink, computer-aided design (CAD)

AI/ML Interests: Generative AI & LLMs (RAG, agentic AI, prompt engineering), multimodal AI

STEM: Mathematics, physics

Interpersonal: Teamwork, communication, problem-solving, adaptability, time management

Languages: Vietnamese (native), English (working proficiency)

EXTRACURRICULAR ACTIVITIES

Member; Project Leader 2022-2024

TP Robotics Club, Tran Phu High School *Ho Chi Minh City, Vietnam*

- Participated in robotics activities and briefly led a small technical project within the club.

PROJECTS

AEGIS - VBS 2027 Video Search 2026

- Collaborated with a 6-member RMIT team to build a real-time interactive video retrieval system for the Video Browser Showdown competition.
- Led performance benchmarking and parallelized processing pipelines, significantly cutting query latency for live search.

Arduino Traffic Light System 2022

- Led a small club team in building an Arduino-based traffic light model.
- Coordinated tasks and implemented signal timing and basic control logic.

Autonomous Arduino Car 2022

- Developed a small autonomous vehicle prototype using Arduino.
- Integrated sensors to enable basic navigation.

AWARDS AND HONORS

2022: Third Prize in Informatics, Excellent Student - City Level

2022: Certificate of Recognition in Informatics, Excellent Student Competition - District Level

2022: Award in Calculator-Assisted Mathematics, Excellent Student Competition - District Level

2021: Silver Medal in Mathematics, The Open HCMC April Olympic Contest - 2021