

EDUCATION

Le Quy Don High School for the Gifted

Aug 2022 – Present

Major: Mathematics

- **GPA Grade 11:** 9.3/10
- **GPA Grade 10:** 9.2/10

Nguyen Luong Bang Secondary School

Aug 2018 – May 2022

- **GPA Grade 9:** 9.6/10 - **Top #1** of Class 2022
 - **The Most Outstanding Student** of the Class of 2022
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ACADEMIC ACHIEVEMENTS | [Certificates](#)

Mathematics Competitions

- **Gold Award** - National-level Asian Science and Mathematics Olympiad in Mathematics | [Website](#) 2023
- **Gold Award** - State-level Asian Science and Mathematics Olympiad in Mathematics | [Website](#) 2023
- **Bronze Medal** - Vietnam Mathematical Talent Challenge | [Website](#) 2021
- **1st Prize** - City-level excellent student competition in Mathematics 2022

Informatics Competitions

- **2nd Prize** - City-level excellent student competition in Informatics | [Certificate](#) 2022
 - **2nd Prize** - City-level Youth Competition in Informatics 2022
 - **Consolation prize** - the fourth Olympiad in Central and Central Highlands 2023
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NON-ACADEMIC ACHIEVEMENTS | [Certificates](#)

U-Invent 6: Bridging Innovations For A Better Life Leave No One Behind | [Website](#)

Oct 2023 - Jan 2024

A national-level competition aimed to innovate products that can enhance the living standard of people

- **Leader** of the Siulmao team
- **4th Prize** at the Final Round | [Post](#)

The World Children's Day Youth On! Hackathon | [Website](#)

Nov 2023

A city-level hackathon aimed to solve mental illness in real life

- **Core developer** of the LHV team
 - **4th Prize** in the Final Round | [Post](#)
 - **Keynote presenter** to juries from VNUK Institute of Research & Executive Education and UNICEF Vietnam
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PROJECTS | [Documents](#)

Braille Teller

Oct 2023 - Present

A book-scanning device that converts into audio and Braille text

- Designed and developed a prototype device capable of scanning 100 pages per hour, converting text to speech and Braille to assist visually impaired individuals in accessing information.
- Integrated Text-to-Speech and Text-to-Braille technologies with a conversion accuracy of up to 80%.
- Tested the device with 20 visually impaired individuals at support centers, collecting feedback to optimize text conversion features.
- Technologies used: Text scanning system, Text-to-Speech conversion, Text-to-Braille conversion.

Author of Origami Guide for the Visually Impaired (Braille Edition)

May 2024 - Present

- Researched tactile learning methods, the art of origami, and Braille literacy to create an accessible guide
- Transcribed steps of 15 models into Braille descriptions. Each model features words describing each folding step, accompanied by 2-3 tactile diagrams to aid in shape recognition and key folds.
- Organized workshops for 50 participants, resulting in increased confidence and notable improvements in fine motor skills and creative thinking.

INTERNSHIP

IBM SkillsBuild Artificial Intelligence Internship 2024 | [Certificates](#)

Jul 2024 - Aug 2024

- Utilized IBM's online learning platform to acquire foundational knowledge of AI, machine learning, and data science, applying it to create an AI chatbot and producing a final program report.
- Collaborated with team members on academic interventions, completing over 15 projects applying AI to practical scenarios.
- Leveraged internship knowledge to develop a virtual assistant AI chatbot capable of conversing with users, organizing schedules, summarizing content, and retrieving information.
- Earned two certifications in Artificial Intelligence and Machine Learning | [1](#) [2](#)

LEADERSHIP | [Images](#)

President - [Codmos](#)

May 2023 - Present

An informatic club aimed to share programming knowledge

- Managed the club's main activities with 32 members, including planning, designing an attractive curriculum, and ensuring teaching quality.
- Ran a **2-day science camp fair** for students aged 8-12 at Ngo May Primary School in Tam Tien Beach to teach coding knowledge through lessons and extracurricular activities in summer 2023 and 2024.
- Organized a Science Fair that attracted over 150 participants. Fundraised 10,000,000 VND and donated 200 gift packages, including school supplies and food, to 200 students at Ngo May Primary School.

Vice President - **W-E Warm & Embrace**

Feb 2023 - Oct 2023

A charity organization provides financial and non-financial support to underprivileged children in Danang

- Executed 5 members of the core team; planned monthly communication ideas and activities for fundraising events via deploying online and offline platforms.
- Launched the "Sowing Seeds in Dreams" Fundraising Event, distributing over 500 sensory toys, audiobooks, and 200 Braille books to 120 visually impaired children raised in Danang Hope Village and 200 visually impaired pediatric patients treated at Da Nang General Hospital during International Children's Day week.
- Coordinated weekly meal deliveries for the homeless, using surplus food from restaurants along Man Thai Beach in Danang to provide nutritious meals.

Vice Leader - [Vietnamese Youth Leadership Summit](#)

Jan 2022 - Aug 2022

A Youth Leadership program organized by Lyceum Campus, aiming to foster leadership and volunteerism among Vietnamese youth aged 14-18.

- Vice Leader of "Cơm mẹ nấu" Team – Awarded First Place at Vietnam Youth Leadership Summit (VYLS).
- Developed a team project video focused on inspiring individuals to overcome personal fears.

OTHERS

Co-developer - **Pet Management System for Busy Individuals and Pet Shop Owners**

Sept 2023 - Mar 2024

An application designed in Python, Javascript, and React Native to assist users in caring for pets

- Developed an application that stores medical information for over 100 pets, including vaccination history, health checkups, and other medical metrics.
- Created over 20 instructional videos for pet training and care, curated from various YouTube sources and organized into easy-to-use categories.
- Tested the app with 10 pet shop owners and 50 individuals to gather feedback, aiming to optimize the user interface and storage functionality.

Core developer - **FPT's Robotics Club**

Aug 2022 - Mar 2023

- Designed the robot's structure and exterior, and developed algorithms for its movement and controller.
- Trained 5 members in programming and participated in competitions.