

CONG THINH TRAN

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Visit my [website!](#)

EDUCATION

- [Le Hong Phong High School for the Gifted](#) – Ho Chi Minh city, Viet Nam. Expected graduation date in May 2022. Mathematics-honored. GPA: 8.7/10.0 (grade 10) | 8.7/10.0 (grade 11)
- [Truong Chinh Secondary School](#) – Ho Chi Minh city, Viet Nam. Graduated May 2019. English Intensive Program. GPA: 8.8/10.0 (Grade 9)
- SAT: 1420 (Math: 790 | Verbal: 630 | Essay: 14/24)
- Academic IELTS: 7.0/9.0 (Listening: 9.0 | Reading: 7.5 | Writing: 6.0 | Speaking: 6.0)

AWARDS

- Second prize of the Gifted Students Competition of Mathematics at the regional level (2019)
- First prize of Regional ISEF – at regional level (2020)
- Top 2 team in the final round AI International Junior Contest – Moscow (2021)

SKILLS AND CORE COMPETENCIES

- One year of experience with Python; six months experience with C++, JavaScript, HTML, and CSS
- Basic knowledge in Artificial Intelligence – image classification, object detection, recommender systems, natural language processing, generative adversarial network, autoencoder model
- Proficient in Git, LaTeX, markdown
- Language: Vietnamese (Native), English (Proficient)

EXPERIENCES

[Artificial Intelligence International Junior Contest \(AIJC\)](#) – Moscow, Russia Mar. 2021 – Oct. 2021
Rank #2 overall

- Managed 3 members to achieve a total 98.8991% accuracy on 1,000,000 images test set, surpassed over 26,000 participants from over 101 countries
- Trained an encoding model to increase the image's dimensions from 32x32 to 128x128
- Developed a multi-label classification method for an object-detection problem without coordinates with 98.2685% accuracy on 10,000 images dataset

Regional ISEF 2020 – Ho Chi Minh City, Viet Nam

Sep. 2020 – Dec. 2020

First prize (5% percentile)

"A NOVEL WAY TO CLASSIFY HOME-GROWING PLANTS' DISEASES USING ARTIFICIAL INTELLIGENT"

- Built AI models to classify 7 different plants' conditions using 12,000 collected images of their leaves with more than 98% accuracy
- Constructed GridSearch-based algorithm to ensemble 3 different AI models to increase the accuracy by another 0.9%
- Developed a front-end website for demo purposes to get 15% more points from judges

EXTRA-CURRICULUM ACTIVITIES

ARTIFICIAL INTELLIGENCE DICTIONARY FOR VIETNAMESE

Jun. 2021 - present

Content Contributor

- Collaborated with professors and college students to translate and visualize more than 100 CS-related vocabularies and concepts into approachable theories in Vietnamese

[LHP SCIENCE CLUB](#)

Jan. 2020 – Oct. 2020

President, Program Department – Core member, Content Department

- Organized STEM events for students in grades 10, 11, and 12 with a 100% satisfied rate
- Responsible for the club's contents on the Facebook fan page reached more than 5,000 people and 200 reacts