CONG THINH TRAN

13 Bo Bao Tan Thang Street, Son Ky Ward, Tan Phu District, Ho Chi Minh City, Viet Nam
Contact: (+84) 934 106 236 | Email: congthinh6304@gmail.com
Github: https://github.com/trancongthinh6304

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 – Ho Chi Minh City, Vietnam (2020)
- Top 2 team in the final round AI International Junior Contest – Moscow, Russia (2021)

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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, OCR
- Data preprocessing and visualizing with Python and Power BI, Tableau
- Proficient in Git, LaTeX, markdown
- Language: Vietnamese (Native), English (Proficient)

EXPERIENCES

Artificial Intelligence International Junior Contest – Moscow, Russia   Mar. 2021 – Oct. 2021
Rank #2 overall
- Managed 3 members to achieve a total 98.9% accuracy on 1,000,000 images set, surpassed over 26,000 participants from over 101 countries, chosen to appear in the summary video presented to Russia's President Vladimir Putin
- 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 98.3% accuracy on 10,000 images dataset

Regional ISEF 2020 – Ho Chi Minh City, Viet Nam   Sep. 2020 – Dec. 2020
First prize (95% 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%

Vietnam Amazon Web Services Hackathon (AWS Hackathon) – Vietnam   Sep. 2021 – Oct. 2021
Honorable Mentioned
- Proposed HealX - a website integrated with AWS to deploy Deep Learning solutions
- Combined Densenet and Resnet architectures to classify endoscopic images

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