

Yen Giang Nguyen

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EDUCATION

High School for the Gifted, HCMC, Vietnam

Aug 2020 - May 2023

Honors Class, Biology

- GPA: 8.8/10 – grade 10 | 8.6/10 – grade 11
- Standardized Test Scores: IELTS: 7.5

HONORS & AWARDS

- Conrad Innovator in Conrad Challenge 2022
- CCIR Women in STEM Scholarship 2022
- Bronze Award in Biology - StemCo 2021
- Second Prize in Biology - City-wide Merit Competition 2020

EXTRACURRICULAR ACTIVITIES & LEADERSHIP

Cardia Project

Jul 2021 - Present

Founder & President

- Established an online non-profit project with 2000 followers that provides students with helpful health-related information as well as practical skills and tips for them to achieve a healthy lifestyle.
- Conceptualized a Q&A series to offer advice and answers for any questions related to health and study through an anonymous form.
- Administered an nation-wide online workshop on exam pressure with Youtuber Jawonee and the participation of over 70 audiences.

Cambridge Future Scholar Program

Nov 2021 - Mar 2022

Participated in the Regenerative Neurobiology and Gene Therapy course by Dr. Bart Nieuwenhuis, a lecturer at University of Cambridge.

- Nominated as CCIR Spotlight Scholar by the programme for demonstrated an exceptional spark of curiosity with impressive research project.
- Analyzed 16 samples of mice neurons using microscopy image technique and visualized the results in a scientific poster to potentially be presented in neuroscience conferences.
- Initiated a research project as a 13-page neuroscience literature review in 7 weeks and received positive feedback from faculty mentors.

USF Advanced Materials & Sensors Laboratory

Jan – Jun 2022

Researcher Assistant

- Developed a point-of-care, contactless, ultrasensitive magnetic sensor integrated with machine learning to detect abnormal physiological signals.
- Worked with Prof. Manh-Huong Phan at University Medical Center HCMC to record the respiratory spectrum of over 200 patients with heart and lung diseases.

Yale Young Global Scholars

Jul 2022

A two-week academic summer program at Yale University.

- Initiated a simulation project on Instagram to raise awareness on healthcare waste.
- Participated in Innovations in Science and Technology session.