

PHUONG THANH HO

Ho Chi Minh City, Vietnam | [Website](#) | Phone: (+84)932-817-155 | Gmail: hophuongthanh028@gmail.com

EDUCATION

Worcester Polytechnic Institute | Worcester, MA

Expected Graduation: 2028

Bachelor of Science in Computer Science

VNU-HCM High School for the Gifted | Ho Chi Minh City, Vietnam

August 2021– May 2024

English Gifted Class

SAT: 1500 | DET: 130 | GPA: 9.4/10

AP Junior Year: Calculus BC: 5/5, Computer Science A: 5/5

AP Senior Year: Chemistry, Physics C: Mechanics, Physics C: Electricity and Magnetism, Microeconomics, Macroeconomics, Biology, Psychology

RESEARCH EXPERIENCE

MACHINE LEARNING IN QUANTIFYING CORONARY BLOOD FLOW

Research Assistant, Presenter

May – September 2023

- Labeling image: approx. 3000 images of the catheter guide and 250 images of the right coronary artery
- ACC Asian 2023, Philippines, Sept. 28-29, 2023: Poster Presenter ([Research Poster](#), [Research Abstract](#))

HCMUT Electrics and Electrical Engineering Summer Camp

Product Development

May – August 2023

- Conducted a comprehensive survey and analytical assessments of the library's operational environment
- Developed a Library Sound Warning system utilizing ESP-WROOM-32, IC595, MKE-S06, and DS3231
- Presented the developed product to the Head of the Electrics and Electrical Engineering department

EXTRACURRICULAR

VNU-High School for the Gifted Library Student Collaborators – Community Organization: Contributing to the maintenance and coordination of library facilities and the execution of school-hosted events.

Student Volunteer

September 2021 – April 2024

- Deliver services to 200+ students daily, ranging from book checkouts to research reference
- Collaborate with school officials to facilitate 10+ workshops, talk shows, and events every year
- Raise more than 5 million VND and execute trips to Tu Hanh shelter on a regular basis

TEDx PTNK YOUTH – Non-profit media organization: Delivers speeches and “ideas worth spreading”

Technical Specialist & Video Editor Team Leader

March – July 2023

- Edited 12+ videos—including speeches and sponsor ads—using Lightworks and Adobe After Effects
- Oversaw the screening, recording process, and presentation performance of 7 speakers at the backstage
- Contributed to [Crystal Unclear @TEDx PTNK Youth Video playlist](#), reaching out to 2,500+ online audience

The KORI Project - Cultural project: Actively fostering the appreciation and promotion of Korean culture to an audience exceeding 10,000 followers online

Event Planning and Coordination

August 2021 – May 2022

- Executed ‘The KORI's Orientation Day’ and ‘Hallyu Talkshow’, attracting 100+ active participants
- Implemented digital campaigns and strategic seeding techniques, gaining 40% growth in followers
- Spearheaded the visual preparation and strategic planning of the Event Department's initiatives

SKILLS

Editing

2-year experience in Adobe Premiere, Lightworks

2-month experience in Adobe After Effects