

Bao Nguyen

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EDUCATION

New York University

Bachelor of Science in Computer Engineering, Minors in Political Science and Psychology

• GPA: 3.7/4.0 | Dean's List | SAT: 1570

New York, NY

May 2026

International School of Ho Chi Minh City

International Baccalaureate Diploma Programme

• IB: 43/45

• Higher Level subjects: Mathematics Analysis and Approaches, Physics, Chemistry

Ho Chi Minh City, Vietnam

May 2023

PROFESSIONAL EXPERIENCE

People's Court of District 1

Court Clerk Intern

- Managed records and documents, ensuring compliance with legal protocols and maintained confidentiality of information.
- Provided administrative support to judges and legal staff and facilitated smooth courtroom proceedings.

Ho Chi Minh City, Vietnam

September 2023 – January 2024

ROOTS – Organic Store and Juice Bar

Back-End Developer

- Launched and maintained eCommerce website using the PHP back-end system.
- Achieved a starting average growth of 19.7% in monthly sales.

Ho Chi Minh City, Vietnam

December 2021 – January 2024

Social Media Strategist

- Spearheaded marketing content creation and managing public outreach efforts.

December 2021 – July 2022

VNUHCM – University of Science

Researcher

- Conducted experiments with senior researchers on materials synthesis and characterization.
- Edited science journal articles, communicating intricate concepts with clarity and precision.

Ho Chi Minh City, Vietnam

August 2020 – June 2023

LEADERSHIP & INTERESTS

[aeRealm](#)

Full-Stack Developer (HTML, CSS, JavaScript, Python)

- Engineered full-stack features for a dynamic fansite for K-pop group aespa.
- Architected server logic, facilitated real-time updates, and crafted responsive UI designs.

Online

November 2023 – Present

BAYLT ([@butareyoulisteningto](#))

Co-Founder, Lead Designer

- Led designer for Instagram journalism, reaching 300 accounts and 100 likes per post.
- Trained 27 members to research, synthesize information, and write about different news topics.

Ho Chi Minh City, Vietnam

August 2021 – May 2023

ISHCMC Entrepreneur Society

Co-Leader, Vice President

- Attained over \$70,000 in scholarships and awards.
- Spearheaded research and streamlined entry procedures for 11 global competitions.

Ho Chi Minh City, Vietnam

September 2021 – April 2023

ISHCMC VEX Robotics Club

Co-Leader, Lead Programmer

- Runner-up at the Vietnam VEX National Championship 2023.
- Optimized robot codes by debugging, streamlining performance, and achieving functionality.

Ho Chi Minh City, Vietnam

October 2021 – February 2023

PUBLICATIONS

Nguyen, Bao L. G. et al. "Environmentally Friendly Synthesis of Magnetic CuFe₂O₄ Powder as Photo-Fenton Catalysts by Sol-Gel Method Using Tamarind Fruit Extract." *Journal of Water and Chemistry*, vol. 45, 2023, pp. 211-221, doi: [10.3103/S1063455X23030074](https://doi.org/10.3103/S1063455X23030074).

Pham, Thao N. et al. "Using Karhunen - Loeve filter in the processing of ground penetrating radar data (GPR)." *VNUHCM Journal of Natural Sciences*, vol. 7, no. 2, 2023, pp. 2635-2641, doi: [10.32508/stdjns.v7i2.1233](https://doi.org/10.32508/stdjns.v7i2.1233).

SKILLS

Technical: CSS, HTML, JavaScript, PHP, Python, Microsoft Office, Revit, CAD

Languages: English, Vietnamese

Interests: Vocal Performance, Website Development, Mergers and Acquisitions