

BAO L. G. NGUYEN

101 Johnson St., Brooklyn, NY 11201 • 917-496-9973
baonguyen@nyu.edu • [linkedin.com/in/baolgn](https://www.linkedin.com/in/baolgn) • <https://github.com/baolgn>

EDUCATION	New York University (NYU) <i>Bachelor of Science in Computer Engineering</i> • <i>Relevant coursework: Linear Algebra, Mechanics</i>	New York, NY May 2027
	International School of Ho Chi Minh City (ISHCMC) <i>International Baccalaureate Diploma Programme, IB Score: 43/45, SAT: 1570</i> • <i>Higher Level Courses: Physics, Chemistry, Mathematics Analysis & Approaches</i>	Ho Chi Minh City, Vietnam May 2023
HONORS	AIJAM US <i>Gold Award</i>	2022
	Korean International Youth Olympiad 4I <i>Gold Award</i>	2022
	CONRAD Innovation <i>Innovator Award (Energy & Environment)</i>	2021-22
EXPERIENCE	VNUHCM – University of Science <i>Researcher</i> • Conducted experiments with senior researchers on materials synthesis and characterization • Edited science journal articles, communicating intricate concepts with clarity and precision • Aided in laboratory organization and equipment maintenance	Ho Chi Minh City, Vietnam March 2021 – June 2023
	ROOTS - Organic Store and Juice Bar <i>Back End Developer, Social Media Strategist</i> • Launched store's eCommerce website using the PHP back-end system • Implemented social media strategy, spearheading marketing content creation and managing public outreach efforts • Achieved an average growth of 19.7% in monthly sales	Ho Chi Minh City, Vietnam December 2021 – January 2024
PROJECTS	aeRealm <i>Full-Stack Developer (HTML, CSS, JavaScript, Python)</i> • 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 –
	ISHCMC Entrepreneur Society <i>Co-Leader, Vice President</i> • 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
	High School VEX Robotics Club <i>Co-Leader, Lead Programmer</i> • Optimized robot codes by debugging, streamlining performance, and achieving functionality • Runner-up at the Vietnam VEX National Championship 2023	Ho Chi Minh City, Vietnam October 2021 – February 2023
	PUBLICATIONS Nguyen, Bao L. G. et al. "Environmentally Friendly Synthesis of Magnetic CuFe ₂ O ₄ Powder as Photo-Fenton Catalysts by Sol-Gel Method Using Tamarind Fruit Extract." <i>Journal of Water and Chemistry</i> , vol. 45, 2023, pp. 211-221. Pham, Thao N. et al. "Using Karhunen - Loeve filter in the processing of ground penetrating radar data (GPR)." <i>VNUHCM Journal of Natural Sciences</i> , vol. 7, no. 2, 2023, pp. 2635-2641.	
SKILLS	Technical: CSS, HTML, JavaScript, PHP, Python, Microsoft Office, Revit, CAD Languages: English, Vietnamese	
ACTIVITIES	Social Media Journalism (@butareyoulisteningto) <i>Co-Founder, Lead Designer</i>	2021 – 2023
	ISHCMC Student Executive Team <i>Treasurer</i>	2020 – 2022