

# BAO L. G. NGUYEN

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EDUCATION	<b>New York University (NYU)</b> <i>Bachelor of Science in Computer Engineering</i> • <i>Relevant coursework: Linear Algebra, Mechanics</i>	New York, NY May 2027
	<b>International School of Ho Chi Minh City (ISHCMC)</b> <i>International Baccalaureate Diploma Programme, IB Score: 43/45, SAT: 1570</i> • <i>Higher Level Courses: Physics, Chemistry, Mathematics Analysis &amp; Approaches</i>	Ho Chi Minh City, Vietnam May 2023
HONORS	<b>AIJAM US</b> <i>Gold Award</i>	2022
	<b>Korean International Youth Olympiad 4I</b> <i>Gold Award</i>	2022
	<b>CONRAD Innovation</b> <i>Innovator Award (Energy &amp; Environment)</i>	2021-22
EXPERIENCE	<b>VNUHCM – University of Science</b> <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
	<b>ROOTS - Organic Store and Juice Bar</b> <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	<b><a href="#">aeRealm</a></b> <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 –
	<b>ISHCMC Entrepreneur Society</b> <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
	<b>High School VEX Robotics Club</b> <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	<b>Nguyen, Bao L. G.</b> et al. "Environmentally Friendly Synthesis of Magnetic CuFe <sub>2</sub> O <sub>4</sub> 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	<b>Technical:</b> CSS, HTML, JavaScript, PHP, Python, Microsoft Office, Revit, CAD <b>Languages:</b> English, Vietnamese	
ACTIVITIES	<b>Social Media Journalism (<a href="#">@butareyoulisteningto</a>)</b> <i>Co-Founder, Lead Designer</i>	2021 – 2023
	<b>ISHCMC Student Executive Team</b> <i>Treasurer</i>	2020 – 2022