

EDUCATION	VNU University of Science B. S., Physics, 09/2020 – (expected) 2024. CGPA: 3.71/4.00. Rank: 1/98.	
EXPERIENCE	Undergraduate researcher , VNU University of Science Supervisor: <i>Dr. Hung Quoc Nguyen</i> Research topic: Quantum computation with high-energy states on programmable superconducting transmon processors. Visiting student , Center for Quantum Technologies (NUS) Supervisor: <i>Prof. Valerio Scarani</i> Research topic: Properties of bosonic codes based on non-Gaussian states with odd rotational symmetries. Visiting student , Center for Quantum Technologies (NUS) Supervisor: <i>Assoc. Prof. Ng Hui Khoon</i> Research topic: Implementation of two-mode bosonic gates for error correction in a circuit quantum electrodynamics architecture.	06/21 – now 07 – 10/23 02 – now
OUTREACH	Head of Academic Affairs , HUS Physics Club Chief coordinator of scientific activities.	09/20 - 12/22
SELECTED HONORS	Scholarship/Grant Government of Binh Duong Province (2018). Nguyen Hoang Phuong Scholarship (2020, 2023). Dean's list (2020 – 2024). Pony Chung Scholarship (2022). Unitary Fund (2023). Competition UPC Physics 2021: Silver medal (ranked 18/127).	
PUBLICATIONS	C. Ha, G. Bao, D. Tien , M. Duc, V. Duy, Q. Hung. Simulating neutrino oscillations on a superconducting qutrit. <i>Physical Review D</i> 108 , 023013 (2023).	
TALKS	Universal control in high-dimensional Hilbert spaces of a superconducting circuit. HUS Student Research Symposium: <i>First Prize</i> (04/23).	
MISC.	<i>Languages</i> – Vietnamese (<i>native</i>), English. <i>Techniques</i> – C, Python, \LaTeX , git, Matlab.	