

Tien Nguyen Dinh

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EDUCATION	VNU University of Science B. S., Physics, 2020 – (expected) 2024. CGPA: 3.71/4.00 HCMC University of Technology B. Eng. (Honor), 2017 - 2019
EXPERIENCE	Undergraduate researcher , VNU University of Science 06/21 – now PI: <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) 07 – 10/23 PI: <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) 02 – 07/24 PI: <i>Assoc. Prof. Ng Hui Khoon</i> Research topic: Exact implementation of two-qubit gates for bosonic error correction.
OUTREACH	Head of Academic Affairs , HUS Physics Club 09/20 - 12/22 Chief coordinator of scientific activities
SELECTED HONORS	Scholarship/Fellowship/Grant Government of Binh Duong (2018), Nguyen Hoang Phuong (2020, 2023), Dean's list (2020–2023), Pony Chung (2022), Unitary Fund (2023). Competitive UPC Physics 2021: Silver medal (ranked 18/127). Misc. École polytechnique's double degree nominee (2020).
COMPETENCES	Languages Vietnamese (<i>native</i>), English Techniques C, Python, \LaTeX , git, Matlab
TALKS	<i>Universal control in high-dimensional Hilbert spaces of a superconducting circuit.</i> HUS Student Research Symposium: First Prize (04/23)
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 (2), 023013 (2023)