

Tien Nguyen Dinh

ngdnhtien@gmail.com / last updated: 13 Nov 2023

EDUCATION	VNU University of Science B. S., Physics, 09/2020 – (expected) 2024. CGPA: 3.66/4.00. Rank: 1/15.
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 Khoo</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/Grant Government of Binh Duong (2018) Nguyen Hoang Phuong Scholarship (2020, 2023) Dean's list (2020–2023) Pony Chung Scholarship (2022) Micrograntee of Unitary Fund (2023). Contests 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)