

Name	NGUYEN Vuong Thuy Ngan		
Position	Researcher, Department of Physics and Computer Science		
Academic Career		<i>Institution</i>	<i>Year</i>
	Master degree	University of Science, VNUHCM	2019
		Texas Tech University	2023
	Undergraduate/bachelor degree	University of Science, VNUHCM	2014
Employment		<i>Position</i>	<i>Employer</i>
		Researcher	Faculty of Physics - Engineering Physics
		Research Assistant	Department of Computer Science, Texas Tech University, USA
		Teaching Assistant	Faculty of Physics - Engineering Physics
Research and development projects over the past 5 years		<i>Name of project or research focus</i>	<i>Body funding</i>
		Phase-II IUCRC Texas Tech University: Center for Cloud and Autonomic Computing	NSF 1939140
		CSR: Small: Collaborative Research: Tuning Extreme-scale Storage Stack through Deep Reinforcement Learning	NSF 1817094
		Data visualization	None
Industry collaborations over the past 5 years		<i>Project titles</i>	<i>Partners</i>
		None	None
Patents and proprietary rights		<i>Title</i>	<i>Year</i>
		None	None
Important publications over	<i>Selected recent publications from a total of approx.:</i>		

<p>the last 5 years</p>	<p>1. T Dang, NVT Nguyen, J Li, A Sill, Y Chen. “Spiro: Order-Preserving Visualization in High Performance Computing Monitoring”, International Symposium on Visual Computing, 2023, pp. 109-120.</p> <p>2. Dang, T., Nguyen, N., Chen, Y. “HiperView: real-time monitoring of dynamic behaviors of high-performance computing centers”, Journal of Supercomputing, 2021, 77 (10), pp. 11807-11826.</p> <p>3. Nguyen, N.V.T., Hass, J., Dang, T., “Timeradar: Visualizing the dynamics of multivariate communities via timeline views”, Proceedings - 2021 IEEE 45th Annual Computers, Software, and Applications Conference, COMPSAC 2021, 2021, pp. 350-356</p> <p>4. Nguyen, N.V.T., Pham, V., Dang, T., “HMaViz: Human-machine analytics for visual recommendation”, ACM International Conference Proceeding Series, 2021, art. no. 3471601</p> <p>5. Nguyen, N.V.T., Nguyen, H.N., Hass, J., Dang, T., “JobNet: 2D and 3D Visualization for Temporal and Structural Association in High-Performance Computing System”, Advances in Visual Computing: 16th International Symposium, ISVC 2021, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 2021, 13017 LNCS, pp. 210-221.</p> <p>6. Nguyen, N., Hass, J., Chen, Y., Li, J., Sill, A., Dang, T., “RadarViewer : Visualizing the dynamics of multivariate data”, ACM International Conference Proceeding Series, 2020, pp. 555-556.</p> <p>7. Nguyen, N., Dang, T., Hass, J., Chen, Y., “HiperJobViz: Visualizing resource allocations in high-performance computing center via multivariate health-status data”, Proceedings of DAAC 2019: 3rd Industry/University Joint International Workshop on Data-Center Automation, Analytics, and Control - Held in conjunction with SC 2019: The International Conference for High Performance Computing, Networking, Storage and Analysis, art. no. 8948738, pp. 19-24.</p> <p>8. Nguyen, N., Dang, T , “HiperViz: Interactive visualization of CPU Temperatures in High Performance Computing Centers”, 2019 Conference on Practice and Experience in Advanced Research Computing: Rise of the Machines (Learning), PEARC 2019; Chicago; United States; 28 July 2019 through 1 August 2019; Code 150186</p> <p>9. Nguyen, N.V.T., Nguyen, V.T., Pham, V., Dang, T., “FinanViz: Visualizing Emerging Topics in Financial News”, Proceedings - 2018 IEEE International Conference on Big Data, Big Data 2018, art. no. 8622097, pp. 4698-4704.</p>		
<p>Activities in specialist bodies over the last 5 years</p>	<p><i>Organization</i></p>	<p><i>Role</i></p>	<p><i>Period</i></p>
	<p>None</p>	<p>None</p>	<p>None</p>
<p>Website</p>	<p>https://phys.hcmus.edu.vn/</p>		