

<b>Name</b>	HUYNH Quoc Viet		
<b>Position</b>	Researcher, Department of Physics and Computer Science		
<b>Academic Career</b>		<b><i>Institution</i></b>	<b><i>Year</i></b>
	Master degree	University of Science, VNUHCM	2022
	Bachelor degree	University of Science, VNUHCM	2018
<b>Employment</b>	<b><i>Position</i></b>	<b><i>Employer</i></b>	<b><i>Period</i></b>
	Researcher	Faculty of Physics - Engineering Physics	2020 - Present
<b>Research and development projects over the past 5 years</b>	<b><i>Name of project or research focus</i></b>	<b><i>Body funding</i></b>	<b><i>Role/ Period</i></b>
	Applying the LSTM algorithm in classifying brain wave signals	University of Science – VNUHCM T2020-03	Dean
	Survey of synthetic algorithms to classify brain wave signals	University of Science – VNUHCM T2020-04	Participate
	Collect data and extract features of multi-channel electroencephalographic signals	University of Science – VNUHCM T2021-01	Participate
	Investigating the ability to classify human emotions using EEG signals through a branched convolutional neural network	University of Science – VNUHCM T2020-04	Dean
	Classification I-EEG Signals Using Machine Learning Algorithms	University of Science – VNUHCM T2022-06	Participate
	Applying the depth separation convolution method in the neural network model to classify electrical brain signals	University of Science – VNUHCM T2023-18	Dean
	Building a model to	Vietnam National University	Dean

	classify EEG signals	C2022-18-13	
<b>Industry collaborations over the past 5 years</b>	<b><i>Project titles</i></b>	<b><i>Partners</i></b>	
	None	None	
<b>Patents and proprietary rights</b>	<b><i>Title</i></b>	<b><i>Year</i></b>	
	None	None	
<b>Important publications over the last 5 years</b>	<p><b><i>Selected recent publications from a total of approx.:</i></b></p> <ol style="list-style-type: none"> <li><b>Viet Quoc Huynh</b>, Quynh Nguyen-Thi-Nhu, Minh Duc Tran, Anh Ngoc Le, Phuoc Thanh Nguyen., Tuan Van huynh. (2021). Application of long short term memory algorithm in classification electroencephalogram. Science and Technology Development Journal - Natural Sciences, 5(2), 1167-1178. <a href="https://doi.org/https://doi.org/10.32508/stdjns.v5i2.1006">https://doi.org/https://doi.org/10.32508/stdjns.v5i2.1006</a></li> <li><b>Huynh, V.Q.</b>, Hua-Thi-Hoang, Y., Huynh, T.V. (2022). Application of Intrinsic Time-Scale Decomposition to Classify EEG Signals Using Machine Learning and Neural Network Methods. In: Anh, N.L., Koh, S.J., Nguyen, T.D.L., Lloret, J., Nguyen, T.T. (eds) Intelligent Systems and Networks. Lecture Notes in Networks and Systems, vol 471. Springer, Singapore. <a href="https://doi.org/10.1007/978-981-19-3394-3_10">https://doi.org/10.1007/978-981-19-3394-3_10</a></li> <li><b>Huynh, V.Q.</b>, Van Huynh, T. (2023). A Survey of the Classification of Emotions Using Electroencephalography Signals by Branch Convolutional Neural Network. In: Huang, YP., Wang, WJ., Quoc, H.A., Le, HG., Quach, HN. (eds) Computational Intelligence Methods for Green Technology and Sustainable Development. GTSD 2022. Lecture Notes in Networks and Systems, vol 567. Springer, Cham. <a href="https://doi.org/10.1007/978-3-031-19694-2_14">https://doi.org/10.1007/978-3-031-19694-2_14</a></li> <li>Nguyen, P.T., <b>Huynh, V.Q.</b>, Phan, T.N., Van Huynh, T. (2024). The Fusion of Feature Extraction Applications and Blurring Techniques for Classifying Irish Sign Language. In: Vo, V.T., Nguyen, TH., Vong, B.L., Le, N.B., Nguyen, T.Q. (eds) 9th International Conference on the Development of Biomedical Engineering in Vietnam. BME 2022. IFMBE Proceedings, vol 95. Springer, Cham. <a href="https://doi.org/10.1007/978-3-031-44630-6_33">https://doi.org/10.1007/978-3-031-44630-6_33</a></li> </ol>		
<b>Activities in specialist bodies over the last 5 years</b>	<b><i>Organization</i></b>	<b><i>Role</i></b>	<b><i>Period</i></b>
	None	None	None
<b>Website</b>	<a href="https://phys.hcmus.edu.vn/">https://phys.hcmus.edu.vn/</a>		