**Staff Curriculum Vitae**

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| Name | *Đinh Viết Sang* | | | | | | |
| Position | *Phó giám đốc, Trung tâm Nghiên cứu quốc tế về Trí tuệ nhân tạo*  *Bí thư, Chi bộ sinh viên 1*  *Giảng viên, Bộ môn Khoa học Máy tính* | | | | | | |
| Academic career | *Tiến sỹ , Trung tâm Tính toán Dorodnitsyn*  *Thạc sỹ , Trường Đại học Bang Tula*  *Kỹ sư , Trường Đại học Bang Tula* | | | *Viện Hàn lâm Khoa học Liên bang Nga*  *Nga*  *Nga* | | | *2013*  *2011*  *2009* |
| Employment | *Position* | | | *Employer* | | | *Period* |
| Research and development projects over the last 5 years | *Name of project or research focus*  *Period and any other information*  *Partners, if applicable*  *Amount of financing* | | | | | | |
| Industry collaborations over the last 5 years | *Project title*  *Partners* | | | | | | |
| Patents and proprietary rights | *Title* | |  | | | *Year* | |
| Important publications over the last 5 years | *Selected recent publications from a total of approx. : 51*  *Author(s) : Dinh Viet Sang and Nguyen Duc Minh*  *Title : Fully residual convolutional neural networks for aerial image segmentation*  *Any other information : https://dl.acm.org/doi/abs/10.1145/3287921.3287970*  *Publisher :*  *Year of publication : 2018*  *Selected recent publications from a total of approx. : 51*  *Author(s) : Dinh Viet Sang and Le Tran Bao Cuong and Pham Thai Ha*  *Title : Discriminative deep feature learning for facial emotion recognition*  *Any other information : https://ieeexplore.ieee.org/abstract/document/8337514/*  *Publisher : IEEE*  *Year of publication : 2018*  *Selected recent publications from a total of approx. : 51*  *Author(s) : Dinh Viet Sang and Tran Quang Chung and Phan Ngoc Lan and Dao Viet Hang and Dao Van Long and Nguyen Thi Thuy*  *Title : Ag-curesnest: A novel method for colon polyp segmentation*  *Any other information : https://arxiv.org/abs/2105.00402*  *Publisher :*  *Year of publication : 2021*  *Selected recent publications from a total of approx. : 51*  *Author(s) : In Seop Na and Chung Tran and Dung Nguyen and Sang Dinh*  *Title : Facial UV map completion for pose-invariant face recognition: a novel adversarial approach based on coupled attention residual UNets*  *Any other information : https://hcis-journal.springeropen.com/articles/10.1186/s13673-020-00250-w*  *Publisher : SpringerOpen*  *Year of publication : 2020*  *Journal Human-centric Computing and Information Sciences, volume 10, page 1-17*  *Selected recent publications from a total of approx. : 51*  *Author(s) : Pham Cong Thang and Tran Thi Thu Thao and Phan Tran Dang Khoa and Dinh Viet Sang and Pham Minh Tuan and Nguyen Minh Hieu*  *Title : An adaptive algorithm for restoring image corrupted by mixed noise*  *Any other information : https://www.researchgate.net/profile/Pham-Cong-Thang/publication/336343952\_An\_adaptive\_algorithm\_for\_restoring\_image\_corrupted\_by\_mixed\_noise/links/5e25801f458515ba20968ef9/An-adaptive-algorithm-for-restoring-image-corrupted-by-mixed-noise.pdf*  *Publisher : Общество с ограниченной ответственностью Смыслолет*  *Year of publication : 2019*  *Journal Cybernetics and Physics, volume 8, page 73-82*  *Selected recent publications from a total of approx. : 51*  *Author(s) : Huong-Giang Doan and Thanh-Hai Tran and Hai Vu and Thi-Lan Le and Van-Toi Nguyen and Sang Viet Dinh and Thi-Oanh Nguyen and Thi-Thuy Nguyen and Duy-Cuong Nguyen*  *Title : Multi-view discriminant analysis for dynamic hand gesture recognition*  *Any other information : https://link.springer.com/chapter/10.1007/978-981-15-3651-9\_18*  *Publisher : Springer, Singapore*  *Year of publication : 2019*  *Selected recent publications from a total of approx. : 51*  *Author(s) : Phan Ngoc Lan and Nguyen Sy An and Dao Viet Hang and Dao Van Long and Tran Quang Trung and Nguyen Thi Thuy and Dinh Viet Sang*  *Title : NeoUNet: Towards accurate colon polyp segmentation and neoplasm detection*  *Any other information : https://link.springer.com/chapter/10.1007/978-3-030-90436-4\_2*  *Publisher : Springer, Cham*  *Year of publication : 2021*  *Selected recent publications from a total of approx. : 51*  *Author(s) : Dinh Viet Sang and Dang Manh Cuong and Le Tran Bao Cuong*  *Title : An effective ensemble deep learning framework for malware detection*  *Any other information : https://dl.acm.org/doi/abs/10.1145/3287921.3287971*  *Publisher :*  *Year of publication : 2018*  *Selected recent publications from a total of approx. : 51*  *Author(s) : Dinh Viet Sang and Duong Viet Hung*  *Title : YOLOv3-VD: A sparse network for vehicle detection using variational dropout*  *Any other information : https://dl.acm.org/doi/abs/10.1145/3368926.3369691*  *Publisher :*  *Year of publication : 2019*  *Selected recent publications from a total of approx. : 51*  *Author(s) : Dinh Viet Sang and Le Tran Bao Cuong*  *Title : Improving CRNN with EfficientNet-like feature extractor and multi-head attention for text recognition*  *Any other information : https://dl.acm.org/doi/abs/10.1145/3368926.3369689*  *Publisher :*  *Year of publication : 2019*  *Selected recent publications from a total of approx. : 51*  *Author(s) : Thanh Hau Nguyen and Cong Hau Le and Dinh Viet Sang and Tingting Yao and Wei Li and Zhiyong Wang*  *Title : Efficient brain tumor segmentation with dilated multi-fiber network and weighted bi-directional feature pyramid network*  *Any other information : https://ieeexplore.ieee.org/abstract/document/9363380/*  *Publisher : IEEE*  *Year of publication : 2020*  *Selected recent publications from a total of approx. : 51*  *Author(s) : Sang Dinh Viet and Cuong Le Tran Bao*  *Title : Effective Deep Multi-source Multi-task Learning Frameworks for Smile Detection, Emotion Recognition and Gender Classification*  *Any other information : https://informatica.si/index.php/informatica/article/view/2301*  *Publisher :*  *Year of publication : 2018*  *Selected recent publications from a total of approx. : 51*  *Author(s) : Nguyen S An and Phan N Lan and Dao V Hang and Dao V Long and Tran Q Trung and Nguyen T Thuy and Dinh V Sang*  *Title : BlazeNeo: Blazing fast polyp segmentation and neoplasm detection*  *Any other information : https://ieeexplore.ieee.org/abstract/document/9759450/*  *Publisher : IEEE*  *Year of publication : 2022*  *Journal IEEE Access, volume 10, page 43669-43684*  *Selected recent publications from a total of approx. : 51*  *Author(s) : Phan Ngoc Lan and Nguyen Sy An and Dao Viet Hang and Dao Van Long and Tran Quang Trung and Nguyen Thi Thuy and Dinh Viet Sang*  *Title : NeoUNet: Towards accurate colon polyp segmentation and neoplasm detection*  *Any other information : https://arxiv.org/abs/2107.05023*  *Publisher :*  *Year of publication : 2021*  *Selected recent publications from a total of approx. : 51*  *Author(s) : Dinh Viet Sang and Hoang Trung Dung*  *Title : Two-stream deep residual learning with fisher criterion for human action recognition*  *Any other information : https://dl.acm.org/doi/abs/10.1145/3287921.3287972*  *Publisher :*  *Year of publication : 2018*  *Selected recent publications from a total of approx. : 51*  *Author(s) : Nguyen Thanh Duc and Nguyen Thi Oanh and Nguyen Thi Thuy and Tran Minh Triet and Dinh Viet Sang*  *Title : ColonFormer: An Efficient Transformer based Method for Colon Polyp Segmentation*  *Any other information : https://arxiv.org/abs/2205.08473*  *Publisher :*  *Year of publication : 2022*  *Selected recent publications from a total of approx. : 51*  *Author(s) : Nguyen Ba Hung and Nguyen Thanh Duc and Thai Van Chien and Dinh Viet Sang*  *Title : AG-ResUNet++: An Improved Encoder-Decoder Based Method for Polyp Segmentation in Colonoscopy Images*  *Any other information : https://ieeexplore.ieee.org/abstract/document/9642070/*  *Publisher : IEEE*  *Year of publication : 2021*  *Selected recent publications from a total of approx. : 51*  *Author(s) : Dinh Viet Sang and Nguyen Hoang Thuan*  *Title : An efficientnet-like feature extractor and focal ctc loss for image-base sequence recognition*  *Any other information : https://ieeexplore.ieee.org/abstract/document/9335861/*  *Publisher : IEEE*  *Year of publication : 2020*  *Selected recent publications from a total of approx. : 51*  *Author(s) : Tran Quang Chung and Hoang Cao Huyen and Dinh Viet Sang*  *Title : A Novel Generative Model to Synthesize Face Images for Pose-invariant Face Recognition*  *Any other information : https://ieeexplore.ieee.org/abstract/document/9237763/*  *Publisher : IEEE*  *Year of publication : 2020*  *Selected recent publications from a total of approx. : 51*  *Author(s) : Dinh Viet Sang and Lam Xuan Thu*  *Title : FastTacotron: A Fast, Robust and Controllable Method for Speech Synthesis*  *Any other information : https://ieeexplore.ieee.org/abstract/document/9585267/*  *Publisher : IEEE*  *Year of publication : 2021*  *Selected recent publications from a total of approx. : 51*  *Author(s) : Nguyen Trong Thai and Nguyen Hoang Thuan and Dinh Viet Sang*  *Title : An Improved Deep Neural Network Based on a Novel Visual Attention Mechanism for Text Recognition*  *Any other information : https://ieeexplore.ieee.org/abstract/document/9642119/*  *Publisher : IEEE*  *Year of publication : 2021*  *Selected recent publications from a total of approx. : 51*  *Author(s) : H Dao and H Le and B Nguyen and H Nguyen and H Lam and L Dao and T Nguyen and S Dinh and H Vu*  *Title : Preliminary Results of Artificial Intelligent Application in Colonoscopic Polyps Detection in Vietnam*  *Any other information : https://www.thieme-connect.com/products/ejournals/html/10.1055/s-0041-1724399*  *Publisher : Georg Thieme Verlag KG*  *Year of publication : 2021*  *Journal Endoscopy, volume 53, page OP141*  *Selected recent publications from a total of approx. : 51*  *Author(s) : Tran Phuong Nam and Dinh Viet Sang*  *Title : A Pose Estimation Method for Multiple Identity Cards based on Corner Heatmaps and Part Affinity Fields*  *Any other information : https://ieeexplore.ieee.org/abstract/document/9335869/*  *Publisher : IEEE*  *Year of publication : 2020*  *Selected recent publications from a total of approx. : 51*  *Author(s) : Nguyen Thanh Dat and Nguyen Dang Tuan Anh and Dinh Viet Sang*  *Title : PCA-based 3D Facial Reenactment From Single Image*  *Any other information : https://ieeexplore.ieee.org/abstract/document/9237786/*  *Publisher : IEEE*  *Year of publication : 2020*  *Selected recent publications from a total of approx. : 51*  *Author(s) : Van-Toi Nguyen and Sang Viet Dinh and Thi-Oanh Nguyen and Thi-Thuy Nguyen and Duy-Cuong Nguyen*  *Title : Multi-view Discriminant Analysis for Dynamic Hand Gesture Recognition*  *Any other information : https://books.google.com/books?hl=en&lr=&id=Dk3VDwAAQBAJ&oi=fnd&pg=PA196&dq=info:nanPpaEXuYYJ:scholar.google.com&ots=AD9oS6qT4E&sig=SeV0t9JBWtJOetDa2L-ke0RzwOs*  *Publisher : Springer Nature*  *Year of publication : 2020*  *Journal Pattern Recognition: ACPR 2019 Workshops, Auckland, New Zealand, November 26, 2019, Proceedings, volume 1180, page 196*  *Selected recent publications from a total of approx. : 51*  *Author(s) : Dinh Viet Sang and Phan Ngoc Lan*  *Title : BK. Synapse: A scalable distributed training framework for deep learning*  *Any other information : https://dl.acm.org/doi/abs/10.1145/3368926.3369690*  *Publisher :*  *Year of publication : 2019* | | | | | | |
| Activities in specialist bodies over the last 5 years | *Organisation* | *Role* | | | *Period* | | |
| *Membership without a specific role need not be mentioned* | | | | | | |