



Curriculum Vitae

Institute of Nutrition, Mahidol University (INMU)

999 Phutthamonthon 4 Rd., Salaya, Phutthamonthon

Name: Rangwan Kasantikul

E-mail address: rangwan.kas@mahidol.ac.th

Current position: Senior Researcher

Education

- 2025 **Ph.D. (Computer Science)** Mahidol University, Thailand
- 2018 **M.Sc. (Computer Science)** Mahidol University, Thailand
- 2016 **B.Sc. (Information and Communication Technology)** Mahidol University, Thailand
- 2013 **BBA. (General Management)** Ramkamhaeng University, Thailand

Work Experience

- 2025.12 – present **Senior Researcher**, Institution of Nutrition, Mahidol University, Thailand
- 2019.03 – 2021.06 **Computer Technical Officer**, Faculty of Graduate Studies, Thailand

Research Interest and Expertise

1. Computer Vision
2. Machine Learning (Neural Networking)
3. Time-Series Modelling

Research Experience

1. Person Re-ID for surveillance applications
2. Diabetic retinopathy classification
3. Malaria prediction in Northern Thailand

Publications

International Level:



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1. **Rangwan Kasantikul**, Worapan Kusakunniran, Qiang Wu, and Zhiyong Wang. Channel-shuffled transformers for cross-modality person re-identification in video. *Scientific Reports*, 15(1):15009, Apr 2025. ISSN 2045-2322. DOI: 10.1038/s41598-025-00063-w
2. **Rangwan Kasantikul** and Worapan Kusakunniran. Augmented inputs for surveillance re-identification. *International Journal of Multimedia Information Retrieval*, 13(1):2, Jan 2024. ISSN 2192-662X. DOI: 10.1007/s13735-023-00309-1
3. **Kasantikul R**, Kusakunniran W. Improving Supervised Microaneurysm Segmentation using Autoencoder-Regularized Neural Network. *Digital Image Computing: Techniques and Applications*, December 2018
4. Haddawy P, Imrul Hasan A, **Kasantikul R**, Lawpoolsri S, Kaewkungwal J, Singhasivanon P. Spatiotemporal Bayesian Networks for Malaria Prediction. *Artificial Intelligence in Medicine*. Jan 2018;84:127-138.
5. Haddawy P, **Kasantikul R**, Imrul Hasan A, Rattanabumrung C, Rungarun P, Suksopee N, Tantiwarapant S, Niruntasuk N. Spatiotemporal Bayesian Networks for Malaria Prediction: Case Study of Northern Thailand. *International Conference on Health - Exploring Complexity*, Munich, Germany 2016