

RESEARCH INTERESTS

Video understanding, deep learning

SELECTED PUBLICATIONS

- **Marine Video Kit: A New Marine Video Dataset for Content-based Analysis and Retrieval:** Quang-Trung Truong, Tuan-Anh Vu, Tan-Sang Ha, Jakub Lokoc, Yue Him Wong Tim, Ajay Joneja, and Sai-Kit Yeung. International Conference On Multimedia Modeling. Bergen, Norway. 2023. **ORAL**. Paper.
- **SideInfNet: A Deep Neural Network for Semi-Automatic Semantic Segmentation with Side Information:** Jing Yu Koh, Duc-Thanh Nguyen, Quang-Trung Truong, Sai-Kit Yeung, Alexander Binder. European Conference on Computer Vision. 2020. Paper.
- **Urban Zoning Using Higher-Order Markov Random Fields on Multi-View Imagery Data:** Tian Feng*, Quang-Trung Truong*, Duc-Thanh Nguyen, Jing Yu Koh, Lap-Fai Yu, Alexander Binder, Sai-Kit Yeung. European Conference on Computer Vision. Munich, Germany. 2018. (* **Co-first author**). Paper.
- **SHREC'17: RGB-D to CAD Retrieval with ObjectNN Dataset:** Binh-Son Hua, Quang-Trung Truong, Minh-Khoi Tran, Quang-Hieu Pham, Lap-Fai Yu, Duc Thanh Nguyen, Sai-Kit Yeung. Eurographics 2017 - Proceedings of the Eurographics Workshop on 3D Object Retrieval. France. 2017. Paper.
- **Building the Facial Expressions Recognition System Based on RGB-D Images in High Performance:** Quang-Trung Truong, Quoc-Ngoc Ly. 8th Asian Conference on Intelligent Information and Database System. Da Nang, Viet Nam. 2016. **ORAL**. Paper.

PREPRINTS

- **Self-supervised Video Object Segmentation with Distillation Learning of Deformable Attention:** Quang-Trung Truong, Duc Thanh Nguyen, Binh-Son Hua, Sai-Kit Yeung. CVPR submission. 2024. Paper.

EDUCATION

- **Hong Kong University of Science and Technology** Hong Kong
Ph.D. in Computer Science Sept 2021 - Present
- **University of Science** Ho Chi Minh city, Vietnam
Bachelor degree in Computer Science, Honors Program. Sept 2010 - Aug 2014
Thesis: Building the Facial Expressions Recognition System Based on RGB-D Images in High Performance.

WORK HISTORY

- **Nichietsu company** Ho Chi Minh city, Vietnam
Lead software engineer 2020 - 2021
- **Vision, Graphics and Computational Design Group, SUTD** Singapore
Research Assistant 2016 - 2018
- **VIETMAP Company Limited** Ho Chi Minh city, Vietnam
Software engineer 2016
- **Artificial Intelligence Laboratory, University of Science** Ho Chi Minh city, Vietnam
Researcher 2015- 2016

AWARDS

- **Research Travel Grant HKUST** 2022
- **Postgraduate Studentship HKUST** 2021, 2022
- **University Student Mobile Programming Honor Nokia** 2013
Developed game, published in the Windows Phone Store, and then ported to AshaFT application in the Ovi store. My game "Racing animal" had been rated 4.5 stars over the first two months in the Windows Phone Store.
- **SHREC'17: RGB-D to CAD Retrieval with ObjectNN Dataset Third prize** 2017