Song Yan

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Education

2017–Now **Ph.D. Student in Tampere University (Finland)**, Department of Signal Processing, Major: Computer Vision, supervised by Prof. Joni-Kristian Kämäräinen.

2015–2017 **M.Sc. in Tampere University of Technology (Finland)**, Department of Information Technology and Communication, GPA: 4.11/5, Graduation Award in recognition of completing master's degree with distinction.

2011–2015 **B.Sc. in Sichuan University (China)**, Department of Software Engineering & Wuyuzhang Honor School.

Research Projects

2020–Now **VOT Challenges**, the workshops held in ECCV2020 and ICCV2021.
- Responsible for RGBD challenge, including the evaluation and report writing.
- Outcome: The Eighth Visual Object Tracking (VOT2020) Challenge Results in ECCV 2020.

2018-2019 **Statistical Color Constancy**, also termed as auto white-balance.
- The authors propose a set of methods to perform computational color constancy on single captured frame or video sequences.
- Outcome: State-of-the-arts on public benchmarks, presented in ICIP 2019

2018–2019 **NOMO3D**, cooperating with NOMO Technologies Ltd, Espoo, Finland.
- To estimate the anthropometric body measurements from the customer's photos
- Outcome: State-of-the-arts benchmarks, presented in ICPR 2020 and MVA 2020.

2018–2019 **Teaching Assistant**, in Computer Vision Lab, Tampere University.
- Assistant in exercise sessions of Introduction to Pattern Recognition and Machine Learning.

Scholarships and Awards

2015-2017 **Graduation Award**, in recognition of completing master's degree with distinction.

2011-2012 **National Scholarship**, award by National Ministry of Education of China.

Paper List

- Song Yan, Jinyu Yang, Jani Käpylä, Feng Zheng, Aleš Leonardis, Joni-Kristian Kämäräinen, **"DepthTrack: Unveiling the Power of RGBD Tracking"**, in ICCV, 2021.
- Yanlin Qian*, Song Yan*, Alan Lukežič, Matej Kristan, Joni-Kristian Kämäräinen, and Jiri Matas, **"DAL: A Deep Depth-aware Long-term Tracker"**, in ICPR, 2020.
- Matej Kristan, Ales Leonardis, Jiri Matas, Michael Felsberg, Roman Pflugfelder, Joni-Kristian Kämäräinen, Luka Čehovin Zajc, Martin Danelljan, Alan Lukezic, Ondrej Drbohlav, Linbo He, Yushan Zhang, Song Yan, Jinyu Yang, Gustavo Fernandez, and et al. **"The eighth visual object tracking vot2020 challenge results"**. In ECCV workshop, 2020.
- Song Yan, Johan Wirta and Joni-Kristian Kämäräinen, **"Silhouette Body Measurement Benchmarks"**, in ICPR, 2020.
- Song Yan, Johan Wirta and Joni-Kristian Kämäräinen, **"Anthropometric Clothing Measurements from 3D Body Scans"**, in Machine Vision and Applications, volume 31, 2020.
- Song Yan and Joni-Kristian Kämäräinen, **"Learning Anthropometry from Rendered Humans"**, in arXiv:2101.02515 , 2020
- Yanlin Qian, Song Yan, Joni-Kristian Kämäräinen and Jiri Matas, **"Flash Lightens Gray Pixels"**, in ICIP, 2019.