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Exploring images with deep learning for classification, retrieval and synthesis

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Curriculum Vitae

Yu Liu was born in Mishan, Heilongjiang, China on September 4, 1988. In 2007, he started his study at the Dalian University of Technology in Dalian, Liaoning, China, and received the B.S. degree in 2011, and the M.S degree in 2014 under the supervision of Prof. He Guo.

In September 2014, he started his PhD supported by the China Scholarship Council and worked at the Media Lab in Leiden Institute of Advanced Computer Science (LIACS), Leiden University, the Netherlands, under the supervision of Prof. Dr. J.N. Kok and Dr. M.S. Lew. His research interests include computer vision, multimedia retrieval and deep learning. Specifically, he is focusing on image recognition (*e.g.* image classification, edge detection), vision & language (*e.g.* image captioning and cross-modal retrieval) and image synthesis (*e.g.* image-to-image translation and fashion style transfer). He has published papers in international conferences and journals, including CVPR, ICCV, ICMR, ICIP, ICPR, Pattern Recognition and MTAP. In addition, he obtained the best paper award at the 23rd International Conference on MultiMedia Modeling in 2017. Currently, he is a reviewer for some conferences and journals, such as CVPR, ACCV, IJCV, Neurocomputing, IEEE Access and IJMIR.