

Zhiqin Chen

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School of Computing Science
Simon Fraser University
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EDUCATION

Shanghai Jiao Tong University (SJTU), China *Sep 2013 - June 2017*
Bachelor of Science in Computer Science and Technology

Simon Fraser University (SFU), Canada *Sep 2017 - Aug 2019*
M.Sc. in Computing Science under the supervision of Prof. Hao (Richard) Zhang
GPA: 4.33/4.33

Simon Fraser University (SFU), Canada *Sep 2019 - present*
Ph.D. in Computing Science under the supervision of Prof. Hao (Richard) Zhang
GPA: 4.33/4.33

PUBLICATIONS

Kangxue Yin, Zhiqin Chen, Siddhartha Chaudhuri, Matthew Fisher, Vladimir Kim, Hao Zhang
COALESCE: Component Assembly by Learning to Synthesize Connections
ArXiv, 2020

Zhiqin Chen, Andrea Tagliasacchi, and Hao Zhang
BSP-Net: Generating Compact Meshes via Binary Space Partitioning
Computer Vision and Pattern Recognition (CVPR), 2020
CVPR 2020 Best Student Paper Award

Zhiqin Chen, Kangxue Yin, Matthew Fisher, Siddhartha Chaudhuri, and Hao Zhang
BAE-NET: Branched Autoencoder for Shape Co-Segmentation
International Conference on Computer Vision (ICCV), 2019

Kangxue Yin, Zhiqin Chen, Hui Huang, Daniel Cohen-Or, Hao Zhang
LOGAN: Unpaired Shape Transform in Latent Overcomplete Space
SIGGRAPH Asia 2019

Zhiqin Chen and Hao Zhang
Learning Implicit Fields for Generative Shape Modeling
Computer Vision and Pattern Recognition (CVPR), 2019

Zili Yi, Zhiqin Chen, Hao Cai, Wendong Mao, Minglun Gong, Hao Zhang
BSD-GAN: Branched Generative Adversarial Network for Scale-Disentangled Representation Learning and Image Synthesis
IEEE Transactions on Image Processing (TIP), 2020

Zhiqin Chen, Yufeng Zhang, Hesheng Wang, Weidong Chen
Real-time Tag Recognition Based on Morphology and Local Contrast
IEEE International Conference on Real-time Computing and Robotics (RCAR), 2016

PATENTS

Hesheng Wang, Weidong Chen, Yufeng Zhang, Zhiqin Chen, Pengfei Su
Intelligence Library Management Robot
9 pages, 2015 National Invention Patent, No. 201510257563.3

Hesheng Wang, Weidong Chen, Zhiqin Chen, Yufeng Zhang, Pengfei Su
Self-acting Book Manipulating Mechanism
7 pages, 2015 National Invention Patent, No. 201510563923.2

Hesheng Wang, Weidong Chen, Pengfei Su, Zhiqin Chen, Yufeng Zhang
Automatic Device for Book Managing
7 pages, 2015 National Invention Patent, No. 201510563922.8

TEACHING

[TA] Spring 2020 - CMPT 743 G101 practices in visual computing II

[TA] Spring 2019 - CMPT 743 G101 practices in visual computing II

[TA] Fall 2017 - CMPT 120 D100 introduction to computing science and programming I

SKILLS AND OTHERS

Programming Languages: C/C++, Python, Java, HTML 5/JavaScript, Matlab.

Additional Skills: Tensorflow, Pytorch, 3ds max, Photoshop.