

QIMIN CHEN

Ph.D. student
School of Computing Science
Simon Fraser University

8888 University Drive
Burnaby, BC, Canada V5A 1S6
<https://qiminchen.github.io>
qca43@sfu.ca

EDUCATION

Ph.D. in Computing Science, supervisor: Hao (Richard) Zhang
Simon Fraser University, Canada

GPA: 4.20/4.33
01/2021 - Present

M.Sc. in Computational Science, supervisor: David J. Kriegman
University of California, San Diego, United States

GPA: 3.76/4.00
09/2018 - 03/2020

B.S. in Computer Science and Technology
Fuzhou University, China

09/2014 - 06/2018

PUBLICATION

- ShaDDR: Interactive Example-Based Geometry and Texture Generation via 3D Shape Detailization and Differentiable Rendering.
Qimin Chen, Zhiqin Chen, Hang Zhou, Hao Zhang.
SIGGRAPH Asia (Conference), 2023.
- D²CSG: Unsupervised Learning of Compact CSG Trees with Dual Complements and Dropouts.
Fenggen Yu, **Qimin Chen**, Maham Tanveer, Ali Mahdavi-Amiri, Hao Zhang.
Conference on Neural Information Processing Systems (NeurIPS), 2023.
- UNIST: Unpaired Neural Implicit Shape Translation Network.
Qimin Chen, Johannes Merz, Aditya Sanghi, Hooman Shayani, Ali Mahdavi-Amiri, Hao Zhang.
Computer Vision and Pattern Recognition (CVPR), 2022.
- A New Deep Learning Engine for CoralNet.
Qimin Chen, Oscar Beijbom, Stephen Chan, Jessica Bouwmeester, David Kriegman.
International Conference on Computer Vision (ICCV) Workshops, 2021.
- Topology-Aware Single-Image 3D Shape Reconstruction.
Qimin Chen, Vincent Nguyen, Feng Han, Raimondas Kiveris, Zhuowen Tu.
Computer Vision and Pattern Recognition (CVPR) Workshops, 2020.

WORK EXPERIENCE

- Adobe Internship 05 / 2023 - 08 / 2023
- Center for Visual Computing Lab, UC San Diego 09 / 2018 - 01 / 2021

- Brown Visual Computing Lab, Brown University
- Machine Learning, Perception and Cognition Lab, UC San Diego

07 / 2020 - 12 / 2020

06 / 2019 - 04 / 2020

TEACHING

- CMPT 762: Computer Vision [Spring 22]
- CMPT 464/764 - Geometric Modeling in Computer Graphics [Fall 21]
- CSE 152 - Introduction to Computer Vision [Spring 19]

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AWARDS

- SFU Ph.D. Research Scholarship, 2023
- SFU Graduate Fellowship, 2021, 2022, 2023
- SFU Inaugural Outstanding TA Award, 2022

REVIEWER SERVICES

- SIGGRAPH Asia 2023
- CVPR 2023