


Xueqi Ma

Ph.D. student ◊ Shenzhen University
(+86) 182-2296-3290 · qixuema@gmail.com ·  github.com/qixuema

Research Interests

I am interested in Computer Graphics, Computer Vision, and Generative Models, particularly in the processing of 3D point clouds and the structural reconstruction and generation of 3D models.

Publications

GenUDC: High Quality 3D Mesh Generation With Unsigned Dual Contouring Representation *ACM MM, 2024*

Ruwei Wang, Jiaqi Li, Dan Zeng, Xueqi Ma, Zixiang Xu, Jianwei Zhang, Qijun Zhao.

Generating 3D House Wireframes with Semantics *ECCV, 2024*
Xueqi Ma, Yilin Liu, Wenjun Zhou, Ruwei Wang, Hui Huang.

Road Network Extraction of 3D Point Cloud Scene Based on L1-medial Extraction and Flexible Constraints *Journal of Computer-Aided Design and Computer Graphics*
Xueqi Ma, Pengdi Huang, Hui Huang

Internship Experience

Visual Computing Research Center (VCC), Shenzhen University *Nov 2021 - Sept 2022*
Working on 3D surface completion and reconstruction from point cloud;
Supervised by Prof. Hui Huang and Dr. Pengdi Huang

Work Experience

Isvision Technology Co., Ltd. *Jan 2020 - Nov 2021*
Algorithm Engineer. Vision Algorithm Department;
Advised by Dr. Xu Chen and Dr. Weichang Feng

Education

Shenzhen University *Sept 2022 - Present*
Ph.D. in Computer Science

Tianjin University *Sept 2017 - Jan 2020*
M.sc. in Mechanical Engineering

Hebei University of Technology *Sept 2013 - Jun 2017*
B.Sc. in Mechanical Engineering

Awards

- 2023 Academic Scholarship, Shenzhen University
- 2022 Academic Scholarship, Shenzhen University
- 2019 First-Class Academic Scholarship, Tianjin University.
- 2018 Second-Class Academic Scholarship, Tianjin University.

Professional Skills

- **Programming languages:** Python, Matlab, C/C++, Golang, Markdown, LATEX
- **Toolkits:** Pytorch, Git, CMake
- **Languages:** Mandarin (native), English (fluent)
- **Tools** Linux/Unix, Shell (Bash/Zsh), Blender, Adobe Illustrator