Yujian ZHENG 郑玉健

+86 156 6609 3759
paul.yj.zheng@gmail.com
https://paulyzheng.github.io/about

EDUCATION

Bachelor, Software Engineering **2014.9-2018.06**
Harbin Institute of Technology(HIT), Weihai, School of Computer Science and Technology

EXPERIENCES

Research Assistant **2019.3-present**
GAP Lab, The Chinese University of Hong Kong, Shenzhen, with *Prof. Xiaoguang HAN*

Research Assistant **2018.7-2019.1**
Visual Computing and Machine Intelligence Research Center, HIT, with *Prof. Pengbo BO*

Undergraduate Research Assistant **2016.4-2018.6**
Visual Computing and Machine Intelligence Research Center, HIT, with *Prof. Pengbo BO*

RESEARCH INTERESTS

My current research focuses on 3D reconstruction with data-driven methods. I also have broad interests in computer graphics, computer vision and computational geometry.

PUBLICATIONS

[5] Bo P B, **Zheng Y J**, Zhang C M. Smooth quasi-developable surfaces bounded by smooth curves. arXiv preprint arXiv:1905.07518, 2019
[4] Bo P B, **Zheng Y J**, Jia X H, Zhang C M. Multi-strip smooth developable surfaces from sparse design curves. *Computer-Aided Design*, 2019(Proceedings of SPM 2019)
[3] Zhang X Q, Bo P B, **Zheng Y J**, Zhang C M. Cone Spline Surface Fitting (in Chinese). *Journal of Computer-Aided Design and Computer Graphics*, 2019
[2] **Zheng Y J**, Bo P B. Quasi-developable Surface Construction Based on Boundary Curve and its Application in Ship Hull Design (in Chinese). *J Comput-Aid Desig Comput Graph*, 2018
[1] Bo P B, Wang Z, Zhang C M, **Zheng Y J**. Developable Surface Reconstruction from Noisy Data with L0-norm Minimization (in Chinese). *SCIENTIA SINICA Informationis*, 2017

PROFESSIONAL SKILLS

Programming Languages: C/C++, Python, Java
Libraries and Tools: HLBFGS, OpenGL, OpenMesh, GeometricTools

AWARDS

Excellent Student, HIT **2017**
National Aspiration Scholarship, Ministry of Education, China **2016**