
Education

- 2017 - present **PhD Candidate**, *EPFL*, Lausanne, Switzerland.
Computer Graphics and Geometry Laboratory
School of Computer and Communication Sciences
Advisor: Prof.Dr.*Mark Pauly*
- 2013 - 2017 **Bachelor**, *University of Science and Technology of China*, Hefei, China.
Informational & Computational Science
Department of Mathematics

Publications

- [1] **Ziqi Wang**, Peng Song, Florin Isvoranu, and Mark Pauly. Design and structural optimization of topological interlocking assemblies. *ACM Transactions on Graphics (SIGGRAPH Asia 2019)*, conditionally accepted, 38(6), 2019.
- [2] **Ziqi Wang**, Peng Song, and Mark Pauly. DESIA: A general framework for designing interlocking assemblies. *ACM Transactions on Graphics (SIGGRAPH Asia 2018)*, 37(6), 2018. Article No. 191.
- [3] **Ziqi Wang**, Jack Szu-Shen Chen, Jimin Joy, and Hsi-Yung Feng. Machined sharp edge restoration for triangle mesh workpiece models derived from grid-based machining simulation. *Computer-Aided Design and Applications*, 15(6):905–915, 2018.
- [4] Peng Song, Bailin Deng, **Ziqi Wang**, Zhichao Dong, Wei Li, Chi-Wing Fu, and Ligang Liu. CofiFab: Coarse-to-fine fabrication of large 3d objects. *ACM Transactions on Graphics (SIGGRAPH 2016)*, 35(4), 2016. Article 45.

Professional experience

- Sep 2017 - present **Teaching Assitant**, *EPFL*, Lausanne, Switzerland.
CS-341 Introduction to Computer Graphics (Spring 2019)
CS-446 Digital 3D Geometry Processing (Fall 2018, 2019)
- 2017 Spring **Academic Visiting**, *University of Southern California*, Los Angeles, USA.
Host: Prof.Dr.*Yong Chen*
Project for designing supports-free 3D FDM printer.
- 2016 Summer **Research Assistant**, *The University of British Columbia*, Vancouver, Canada.
Host: Prof.Dr.*Hsi-Yung Feng*
Worked on topics in CNC machining simulation.

Professional skills

Programming: C/C++, Python

Software: Rhino/Grasshopper

Language: Chinese(native), English(fluent), French(beginner), Japanese(beginner)

Honors

2016 The Baogang Scholarship

2015 USTC Outstanding Student Scholarship(Grade 1)