Qing Xia (夏 清)

No. 37, Xueyuan Road, Haidian District, Beijing, 100191 (+86) 186-0192-0416

neijiangxiaqing@gmail.com, http://hsiatsing.github.io/

EDUCATION

Ph.D., Computer Application Technology State Key Laboratory of Virtual Reality Technology and Systems School of Computer Science and Engineering, Beihang University

Ph.D., Computer Science

School of Advanced Engineering, Beihang University

An elite program, only 3 in CS

Sept. 2012 - Now
Beijing, China

B.E., Computer Science

School of Computer Science and Engineering, Beihang University

Sept. 2008 - Jun. 2012

Recommended to the Ph.D. program without exams, top 10%

Beijing, China

PROFESSIONAL SKILLS

- Experienced in programing with C/C++, Matlab, Python, etc.
- Expert in computer graphics and OpenGL, GLSL, etc.
- Expert in geometry processing and shape analysis, especially in shape descriptors and deformations
- Familiar with popular geometry processing libraries, such as libigl, PCL, CGAL, etc.
- Familiar with parallel computing and skillful at using CUDA and OpenMP
- Familiar with machine learning techniques, such as SVM, decision trees, neural networks, etc.
- Experienced in implementing algorithms based on research papers and academic writing

AWARDS & HONORS

Excellent New Student Award	Sept. 2008
Excellent Student Award	Sept. 2009
Outstanding Graduate Award	Jun. 2012
National Graduate Scholarship	Oct. 2016
Excellent Foundation of BUAA for PhD students	May 2017

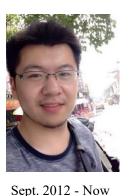
PUBLICATIONS

Conference

- Q. Xia, S. Li, H. Qin and A. Hao. Modal Space Subdivision for Physically-plausible 4D Shape Sequence Completion from Sparse Samples. The 23rd Pacific Conference on Computer Graphics and Applications. 2015.
- L. Yang, S. Li, Q. Xia, A. Hao and H. Qin. A Novel Analysis-and-Simulation Approach for Detail Enhancement in FLIP Fluid Interaction. The 21st ACM Symposium on Virtual Reality Software and Technology. 2015.

Journal

- S. Li, Q. Xia, A. Hao, H. Qin and Q. Zhao. Haptics-Equipped Interactive PCI Simulation for Patient-Specific Surgery Training and Rehearsing. SCIENCE CHINA Information Sciences, (2016) 59: 103101.
- Y. Qiu, L. Yang, S. Li, Q. Xia, H. Qin and A. Hao. Novel Fluid Detail Enhancement based on Multi-Layer Depth Regression Analysis and FLIP Fluid Simulation. Computer Animation and Virtual Worlds, 2016, accepted.
- Q. Xia, S. Li, H. Qin and A. Hao. Automatic Extraction of Generic Focal Features on 3D Shapes via Random Forest Regression Analysis of Geodesics-in-Heat. Computer Aided Geometric Design, 49: 31-43, December 2016.



Beijing, China