# Hao JIANG

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## EDUCATION

**University of North Carolina at Chapel Hill**                                    Sep 2017 - Present
- PhD student in Computer Science, advised by Prof. Henry Fuchs.
- Research interest: 3D reconstruction and 3D model/scene understanding
- Teaching Assistant of COMP401 (Foundations of Programming)

**University of Science and Technology of China (USTC)**                      Sep 2013 - June 2017
- B.E. in Electronic Information Engineering.
- Information Science Elite Class.
- Overall GPA: 88.13/100 (3.67/4.3) Major GPA: 89.79/100 (3.80/4.3).

## RESEARCH EXPERIENCE

**Semantic Segmentation and Reconstruction in Surgery Room**          Aug 2018 – Present
**Institution:** Computer Science Department, University of North Carolina at Chapel Hill
**Advisor:** Henry Fuchs, Federico Gil Distinguished Professor of Computer Science, University of North Carolina at Chapel Hill

**3D Object Recognition**                                                    May 2018 – Aug 2018
**Institution:** Computer vision group of SRI International
**Manager:** Bogdan Matei, Senior Technical Manager of SRI International
- This work is the intellectual property of SRI International

**Improving Multi-View Reconstruction Algorithm at low texture region**          Sep 2017 – May 2018
**Institution:** Computer Science Department, University of North Carolina at Chapel Hill
**Advisor:** Jan-Michael Frahm, Associate Professor at Department of Computer Science, University of North Carolina at Chapel Hill

**Research of Human-Robot Voice Interaction**                              Oct 2016 – Apr 2017
**Institution:** MOE-Microsoft Key Laboratory of Multimedia Computing and Communication, University of Science and Technology of China, Hefei, Anhui, China
**Advisor:** Zhibo Chen, professor at Department of Electrical Engineering and Information Science
- This work is my undergraduate dissertation

**Design and Implementation of an autonomous footstool**                    Jul 2016 – Sep 2016
**Institution:** MOE-Microsoft Key Laboratory of Multimedia Computing and Communication, University of Science and Technology of China, Hefei, Anhui, China
**Advisor:** Weiping Li, professor at Department of Electrical Engineering and Information Science

## SKILLS/INTERESTS

- Proficient English (GRE: V:156, Q:170, AW: 3.5; TOEFL: 104).
- Extensive programming skills; Experience in C++, Python, CUDA, Java, etc.
- Interested in Android app development.