

Wenhao Yu

CONTACT INFORMATION

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<http://wenhaoyu.weebly.com>

EDUCATION

Georgia Institute of Technology, Atlanta, GA *August 2015 - Present*
Ph.D. candidate in Computer Science
Advisor: Karen Liu and Greg Turk

Georgia Institute of Technology, Atlanta, GA *August 2013 - May 2015*
M.S. in Computer Science (GPA: 3.91)
Advisor: Karen Liu

Shanghai Jiao Tong University, Shanghai, China *September 2009 - July 2013*
B.E. in Software Engineering (GPA: 3.3)

PUBLICATIONS

- **Wenhao Yu**, Ariel Kapusta, Jie Tan, Charles C. Kemp, Greg Turk and C. Karen Liu. "Haptic Data Simulation for Robot-Assisted Dressing", accepted to 2017 IEEE International Conference on Robotics and Automation (ICRA), 2017.
- Zackory Erickson, Alex Clegg, **Wenhao Yu**, Greg Turk, C. Karen Liu, and Charles C. Kemp. "What Does the Person Feel? Learning to Infer Applied Forces During Robot-Assisted Dressing", accepted to 2017 IEEE International Conference on Robotics and Automation (ICRA), 2017.
- Ariel Kapusta, **Wenhao Yu**, Tapomayukh Bhattacharjee, C. Karen Liu, Greg Turk and Charles C. Kemp. "Data-Driven Haptic Perception for Robot-Assisted Dressing", in IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN), 2016.
- Yunfei Bai, **Wenhao Yu**, Karen Liu. "Dexterous Manipulation of Cloth", Computer Graphics Forum (Eurographics), 2016.
- **Wenhao Yu**. "Design and Implementation of Training Modules for Vessel Cutting and Cloth Cutting in Virtual Surgery" (in Chinese), OAPS (Outstanding Academic Papers by Students), 2013.

WORK EXPERIENCE

Facebook, Inc., Redmond, WA *May 2016 - August 2016*
Oculus Research
Research Intern

- Worked on hand manipulation in virtual reality.

Google Inc., Mountain View, CA *June 2015 - August 2015*
Software Engineer Intern

- Adapted word2vec technique to improving existing natural language database.

Google Inc., Mountain View, CA *May 2014 - August 2014*
Software Engineer Intern

- Proposed a metric to define perceptual mesh similarity.
- Implemented mesh subdivision using Butterfly mask.

PATENTS, INVENTION RECORDS

- Lixu Gu, **Wenhao Yu**. "A scheme for modeling incision into tetrahedral mesh in surgical simulation" (in China), application number:201210571836.8 (Shanghai Jiao Tong University)

SKILLS

- Programming Language : C/C++, Matlab, CUDA C, C for graphics, Python
- Developing Platform : Visual Studio, Qt, Eclipse, Xcode, git
- Designing/Editing Tools : Photoshop, Premiere, After Effects
- Languages : English, Mandarin

HONORS AND AWARDS

- Academic Excellent Scholarship (Third-class) of SJTU for 2009 - 2010 academic year
- Academic Excellent Scholarship (Third-class) of SJTU for 2011 - 2012 academic year