

# TIAN Yang 田阳



## PERSONAL INFORMATION

**Gender:** Male  
**Date of Birth:** 28/04/1991  
**Place of Birth:** Jiaozuo, Henan, China  
**Office Address:** Rm 903, 9/F, Ho Sin-Hang Engineering Building,  
The Chinese University of Hong Kong  
Shatin, N.T., Hong Kong, China  
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## EDUCATION

**PhD Candidate in Computer Science & Engineering** 08/2016 - 07/2020 (expected)

The Chinese University of Hong Kong (CUHK)

- Research interests: Human Computer Interaction in Virtual Reality
- Supervisors: Prof. Pheng-Ann Heng and Prof. Chi-Wing Fu

**Master of Science (MSc) in Computer Science & Engineering** 09/2013 - 09/2014

The Chinese University of Hong Kong (CUHK)

**Bachelor's degree in Software Engineering** 09/2009 - 09/2013

Jilin University (JLU), China

## WORKING EXPERIENCE

**Research Assistant** 09/2014 - 09/2016

Department of Computer Science & Engineering, The Chinese University of Hong Kong (CUHK)

- 2014-2016 Development of a Virtual Environment for Training Percutaneous Renal Access, funded by *Hong Kong Innovation and Technology Fund as well as industrial partners*
- 2013-2015 Research and Development of US-MRI Fusion based Targeted Prostate Biopsy Systems: Planning Training and Intelligent Intra-operative Guidance, funded by *Hong Kong Innovation and Technology Fund*

## **AWARDS/HONORS**

- Postgraduate Studentship 2016-2020
- Distinguished Academic Performance Scholarship, CSE Department, CUHK in 2014
- My graduation thesis “Improvement and Implementation of Lucas-Kanade Algorithm” is selected to be an “Excellent Thesis of Jilin University” in 2013
- Third class excellent Academic scholarship, Software College, JLU in 2011-2012
- Third class excellent Academic scholarship, Software College, JLU in 2009-2010

## **CONFERENCES**

- Plan to attend: ACM Conference on Human Factors in Computing Systems 2020 (CHI2020, CCF A 类会议) in Hawaii, USA, Apr 25-30, 2020. Oral presentation.
- ACM International Conference on Ubiquitous Computing 2019 (UBICOMP2019, CCF A 类会议) in London, UK, Sep 9-13, 2019. Oral presentation.
- The 26th Pacific Conference on Computer Graphics and Applications (PG2018, CCF B 类会议) in Hong Kong, China, Oct 8-11, 2018. Oral presentation.
- The 11th Asian Conference on Computer Aided Surgery (ACCAS 2015) in Singapore, Jul 09-11, 2015. Oral presentation.

## **PUBLICATIONS**

- **Tian, Y.,** Bai, Y., Zhao, S., Fu, C.W., Yang, T., & Heng, P. A. Virtually-Extended Proprioception: Providing Spatial Reference in VR through an Appended Virtual Limb. Accepted by ACM Conference on Human Factors in Computing Systems 2020 (CHI2020, CCF A 类会议)

- **Tian, Y.**, Fu, C. W., Zhao, S., Li, R., Tang, X., Hu, X., & Heng, P. A. (2019). Enhancing Augmented VR Interaction via Egocentric Scene Analysis. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies*, 3(3), Article 105. Presented at UBICOMP2019 (CCF A 类会议)
- Wei, M.\*, **Tian, Y.\***, Pang, W. M., Wang, C. C., Pang, M. Y., Wang, J., ... & Heng, P. A. (2018). Bas-relief modeling from normal layers. *IEEE transactions on visualization and computer graphics*, 25(4), 1651-1665. (CCF A 类期刊, JCR 一区, 影响因子 3.78). Presented at PG2018 (CCF B 类会议) \*共同一作
- **Tian, Y.**, Meng Q., Wei M., Chui, Y. P., & Heng, P. A. (2015) Automated Labeling for Medical Images with Multiple Anatomical Structures. *The 11th Asian Conference on Computer Aided Surgery* (ACCAS 2015)

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