YIQIN LU

Pervasive Human-Computer Interaction Group
Department of Computer Science & Technology
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EDUCATION

Ph.D. Candidate, Human-Computer Interaction   August 2016 - Present
Department of Computer Science & Technology, Tsinghua University.
Advisor: Yuanchun Shi.

Bachelor of Engineering   August 2012 - July 2016
Department of Computer Science & Technology, Tsinghua University.

AWARDS

Friends of Tsinghua – Jin Tan Ying Cai Scholarship	2019
Outstanding Graduates, Department of Computer Science & Technology	2016
National Scholarship	2015
Champion of SC Student Cluster Competition (SC'15)	2015
Gold Medal, National Olympiad in Informatics (NOI'11)	2011
Gold Medal, National Olympiad in Informatics (NOI'10)	2010

PUBLICATIONS

[1] **Yiqin Lu**, Chun Yu, Xin Yi, Yuanchun Shi, Shengdong Zhao. 2017. BlindType: Eyes-Free Text Entry on Handheld Touchpad by Leveraging Thumb's Muscle Memory. Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies, 2017(2), 18.

[2] Tengxiang Zhang, Xin Yi, Ruolin Wang, Yuntao Wang, Chun Yu, **Yiqin Lu**, Yuanchun Shi. 2018. Tap-to-Pair: Associating Wireless Devices with Synchronous Tapping. Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies, 2018(4), 201.

[3] **Yiqin Lu**, Chun Yu, Shuyi Fan, Xiaojun Bi, Yuanchun Shi. 2019. Typing on Split Keyboards with Peripheral Vision. In CHI Conference on Human Factors in Computing Systems Proceedings (CHI 2019), May 4–9, 2019, Glasgow, Scotland UK.

[4] **Yiqin Lu**, Bingjian Huang, Chun Yu, Guanhong Liu, Yuanchun Shi. Designing and Evaluating Hand-to-Hand Gestures with Dual Commodity Wrist-Worn Devices. Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies, 2020. *(To Appear)*

[5] **Yiqin Lu**, Chun Yu, Yuanchun Shi. Investigating Bubble Mechanism for Ray-casting to Improve 3D Target Acquisition in Virtual Reality. IEEE Conference on Virtual Reality and 3D User Interfaces (VR), 2020. *(To Appear)*

PATENTS

[1] Chun Yu, **Yiqin Lu**, Xin Yi, Yuanchun Shi. Blind Text Input Method, Blind Text Input Entry and Corresponding Apparatuses. CN106293128A. January 2017.

[2] **Yiqin Lu**, Erjin Zhou, Qi Yin. Face Image Generation Method, Face Recognition Model Training Method and Corresponding Apparatuses. CN107451950A. December 2017.

EMPLOYMENT EXPERIENCE

Megvii Inc.   October 2015 – June 2016
Algorithm Researcher and Engineer
Focus on deep learning, face detection, face landmark and data augmentation.

TEACHING EXPERIENCE

Teaching Assistant, Tsinghua University   2016 - 2019
Discrete Mathematics & Graph Theory (*Undergraduate*)

Lecture, Zhejiang Province   2011 - 2012
Courses for Province Team Selection Competition of Olympiad in Informatics

ACADEMIC SERVICE

Reviewer**:**   CHI ('18 '19 '20), IMWUT ('18 '19), MobileHCI ('18 '19), ICMI ('19).

SKILLS

Language: Chinese, English.

Programming: C++, Python, C#, Java, Objective-C, HTML, JavaScript.

Development: Android, iOS, Unity.

Method: Machine learning, deep learning, optimization, algorithms and data structures.