

# Zhen Li

## PERSONAL DATA

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## EDUCATION

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(Present) Doctor of Philosophy in COMPUTER SCIENCE  
**University of Toronto**, Toronto, Canada  
JUNE 2017 Master of Science in COMPUTER SCIENCE  
**University of Toronto**, Toronto, Canada  
AVERAGE GRADE: A+  
JULY 2015 Bachelor of Engineering in COMPUTER SCIENCE  
**Tsinghua University**, Beijing, China  
GPA: 92/100 | RANK: 4/123

## PUBLICATIONS

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**Zhen Li**, Joannes Chan, Joshua Walton, Hrvoje Benko, Daniel Wigdor, and Michael Glueck. 2021. Armstrong: An Empirical Examination of Pointing at Non-Dominant Arm-Anchored UIs in Virtual Reality. In *SIGCHI Conference on Human Factors in Computing Systems (CHI '21)*, May 08-13, 2021, Yokohama, Japan. <https://doi.org/10.1145/3411764.3445064>

Mingming Fan, **Zhen Li**, and Franklin Mingzhe Li. 2020. Eyelid Gestures on Mobile Devices for People with Motor Impairments. In *the 22nd International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '20)*, October 26-28, 2020, Virtual Event, Greece. <https://doi.org/10.1145/3373625.3416987>

**Zhen Li**, Mingming Fan, Ying Han, and Khai N. Truong. 2020. iWink: Exploring Eyelid Gestures on Mobile Devices. In *1st International Workshop on Human-centric Multimedia Analysis (HuMA '20)*, October 12, 2020, Seattle, WA, USA. <https://doi.org/10.1145/3422852.3423479>

**Zhen Li**, Michelle Annett, Ken Hinckley, Karan Singh and Daniel Wigdor. 2019. HoloDoc: Enabling Mixed Reality Workspaces that Harness Physical and Digital Content. In *SIGCHI Conference on Human Factors in Computing Systems Proceedings (CHI '19)*, May 4-9, 2019, Glasgow, Scotland UK. <https://doi.org/10.1145/3290605.3300917>

**Zhen Li**, Michelle Annett, Ken Hinckley and Daniel Wigdor. 2019. SMAC: A Simplified Model of Attention and Capture in Multi-Device Desk-Centric Environments. In *Proceedings of the ACM on Human-Computer Interaction (EICS '19)*, issue EICS, Article 2 (June 2019). <https://doi.org/10.1145/3300961>

Weinan Shi, Chun Yu, Xin Yi, **Zhen Li**, and Yuanchun Shi. TOAST: Ten-Finger Eyes-Free Typing on Touchable Surfaces. In *Proceedings of the ACM on Interactive, Mobile, Wearable, and Ubiquitous Technologies (UBICOMP '18)*, Vol. 2, No. 1, Article 33 (March 2018). <https://doi.org/10.1145/3191765>

Julian Ramos, **Zhen Li**, Johana Rosas, Nikola Banovic, Jennifer Mankoff, and Anind Dey. Keyboard Surface Interaction: Making the Keyboard into a Pointing Device. Jan 2016. <http://arxiv.org/abs/1601.04029>

## INTERNSHIPS

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APR-SEP 2019	<b>Research Intern</b> Supervised by Dr. Michael Glueck, <b>Chatham Labs</b> Research outcomes published at CHI 2021
JUL-SEP 2014	<b>Keyboard-Surface Interaction: Using the Keyboard's Surface as a Pointing Device</b> Supervised by Prof. Anind K. Dey, HCI Institute, <b>Carnegie Mellon University</b> Designed the first stage of the user study and contributed to the gesture recognition

## TEACHING

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JAN-APR 2021	<b>Teaching Assistant</b> INTRODUCTION TO COMPUTER SCIENCE, CSC108 Department of Computer Science, <b>University of Toronto</b>
MAY-DEC 2020	<b>Teaching Assistant</b> INTRODUCTION TO COMPUTER SCIENCE, CSC108 Department of Computer Science, <b>University of Toronto</b>
JAN-APR 2020	<b>Teaching Assistant</b> THE DESIGN OF INTERACTIVE COMPUTATIONAL MEDIA, CSC318 Department of Computer Science, <b>University of Toronto</b>
JAN-DEC 2019	<b>Teaching Assistant</b> INTRODUCTION TO COMPUTER SCIENCE, CSC108 Department of Computer Science, <b>University of Toronto</b>
MAY 2016 - DEC 2018	<b>Teaching Assistant</b> INTRODUCTION TO COMPUTER SCIENCE, CSC148 Department of Computer Science, <b>University of Toronto</b>
JAN-APR 2016	<b>Teaching Assistant</b> INTRODUCTION TO COMPUTER SCIENCE, CSC108 Department of Computer Science, <b>University of Toronto</b>
SEP-DEC 2011	<b>Teaching Assistant</b> FUNDAMENTALS OF PROGRAMMING, No.30240233 Department of Computer Science and Technology, <b>Tsinghua University</b>

## SCHOLARSHIPS AND AWARDS

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MAR 2015	ST ENGINEERING China Scholarship
OCT 2014	Tsinghua – DONGSHI Dongfang Scholarship
AUG 2014	GOOGLE Excellence Scholarship
MAR 2014	ST ENGINEERING China Scholarship
OCT 2013	Tsinghua – ZHENG Geru Scholarship
MAR 2013	ST ENGINEERING China Scholarship
OCT 2012	Tsinghua – ZHANG Ronghua Scholarship