

# JIANNAN LI

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## RESEARCH INTEREST

Human-computer interaction, computer-supported collaborative work,  
video-mediated collaboration, interactive computer graphics

## EDUCATION

- |              |  |
|--------------|--|
| 2016-present | <b>Ph.D in Computer Science</b><br>University of Toronto, Toronto, Canada<br>Advisor: Prof. Ravin Balakrishnan<br>Ongoing research: Flexible viewpoint control in video communication              |
| 2012 – 2015  | <b>M.Sc in Computer Science</b><br>University of Calgary, Calgary, Canada<br>Advisor: Prof. Ehud Sharlin & Prof. Saul Greenberg<br>Thesis: Two-Sided Transparent Display as a Collaborative Medium |
| 2008 – 2012  | <b>B.Eng in Electrical Engineering</b> , specialized in <b>Measurement and Control Technology</b><br>Southeast University, Nanjing, China  |

## RESEARCH EXPERIENCE

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|------------------|---|
| 2016.9 - present | <b>University of Toronto, Toronto, Canada</b><br><i>Graduate Research Assistant</i> at Dynamic Graphics Project, advised by Prof. Ravin Balakrishnan                |
| 2015.3 – 2015.4  | <b>University of Calgary, Calgary, Canada</b><br><i>Research assistant</i> in the Interactions Lab, advised by Prof. Sheelagh Carpendale                            |
| 2014.10 – 2015.1 | <b>Lenovo Research, Beijing, China</b><br><i>Research intern</i> in Human-Computer Interaction Innovation Team, advised by Dr. Xiang Cao                            |
| 2012.9 – 2015.2  | <b>University of Calgary, Calgary, Canada</b><br><i>Graduate research assistant</i> in the Interactions Lab, advised by Prof. Ehud Sharlin and Prof. Saul Greenberg |
| 2010.9 – 2011.9  | <b>Southeast University, Nanjing, China</b><br><i>Undergraduate research assistant</i> in Robotics Sensing and Control Lab  |

## INDUSTRY EXPERIENCE

- 2015.5 – 2016.7      **Nureva Inc., Calgary, Canada**  
Software developer in Research, later Product Development
- 2015.9 – present      **Tran3D, Chongqing, China**  
Front-end developer (working remotely)

## PUBLICATION

**Han, T., Li, J., Hasan, K., Nakamura, K., Gomez, R., Balakrishnan, R., Irani, P.** (2018). PageFlip: Leveraging Page-Flipping Gestures for Efficient Command and Value Selection on Smartwatches. In *Proceedings of 2018 SIGCHI Conference on Human Factors in Computing Systems (CHI '18)*, to appear.

**Li, J., Greenberg, S., Sharlin, E.** (2017). A Two-Sided Collaborative Transparent Display Supporting Workspace Awareness. In *International Journal of Human Computer Studies (Int J HCS)*, 101:23-44. Elsevier, May.

**Li, J., Greenberg, S., Sharlin, E., and Jorge, J.** (2014). Interactive Two-Sided Transparent Displays: Designing for Collaboration. In *Proceedings of 2014 ACM Conference on Designing Interactive Systems (DIS '14)*, 395-404.

**Li, J., Sharlin, E., Greenberg, S., and Rounding, M.** (2013). Designing the Car iWindow: Exploring Interaction through Vehicle Side Windows. In *Extended Abstracts of 2013 SIGCHI Conference on Human Factors in Computing Systems (EA CHI '13)*, 1665-1670.

**Li, J., Li, P., Liu, H., Li, D., and Tang, J.** (2011). A Contactless Battery Charging and Monitoring System for Wireless Sensor Network Nodes. In *Proceedings of 2011 International Conference on Computer Science and Network Technology (ICCSNT '11)*, 1923-1926.

## AWARDS

- 2016 – 2020      Ontario Trillium Scholarship
- 2016 - 2018      Wolfond Scholarship Program in Wireless Information Technology
- 2012 & 2013      University of Calgary Computer Science Graduate Research Award
- 2010      Southeast University Zhang Guiping Award

## SERVICE

- 2013 – 2014      **Reviewer**  
TEI '14, TEI '15, CHI '15
- 2014, 2017      **Student volunteer**  
CHI '14, UIST '17