

Jingyi Li

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jingyili@cs.stanford.edu

EDUCATION

STANFORD UNIVERSITY

Ph.D. in Computer Science (ongoing)

Sep 2017 – Present

Advisors: Sean Follmer & Maneesh Agrawala

UNIVERSITY OF CALIFORNIA, BERKELEY

B.S. in Electrical Engineering & Computer Science

Aug 2013 – Dec 2016

Certificates in Human-Centered Design & New Media

Advisor: Björn Hartmann

UNIVERSITY OF CAMBRIDGE

Summer Abroad 2014

RESEARCH EXPERIENCE

GRADUATE RESEARCHER, Stanford University

Sep 2017 – Present

Advisor: Sean Follmer | *Stanford University Mechanical Engineering*

Advisor: Maneesh Agrawala | *Stanford University Computer Science*

VISITING SCHOLAR, ex)situ

Jun – July 2017

Advisor: Wendy Mackay | *INRIA (Université Paris-Sud)*

UNDERGRADUATE RESEARCHER, Color of New Media

Feb – Dec 2016

Advisor: Abigail De Kosnik | *UC Berkeley Department of New Media*

UNDERGRADUATE RESEARCHER, Berkeley Institute of Design

Jan 2015 – Dec 2016

Advisor: Björn Hartmann, *Mentor:* Valkyrie Savage | *UC Berkeley EECS*

PUBLICATIONS

- [6] **Jingyi Li**, Joel Brandt, Radomír Měch, Maneesh Agrawala, Jennifer Jacobs. Supporting Visual Artists in Programming through Direct Inspection and Control of Program Execution. 2020 CHI Conference on Human Factors in Computing Systems (CHI '20).
- [5] **Jingyi Li**, Son Kim, Joshua A. Miele, Maneesh Agrawala, and Sean Follmer. Editing Spatial Layouts through Tactile Templates for People with Visual Impairments. 2019 CHI Conference on Human Factors in Computing Systems (CHI '19).
- [4] Michelle X. Zhou, Gloria Mark, **Jingyi Li**, and Huahai Yang. Trusting Virtual Agents: The Effect of Personality. *ACM Trans. Interact. Intell. Syst.* 9, 2-3, Article 10 (March 2019).
- [3] **Jingyi Li**, Jennifer Jacobs, Michelle Chang, and Björn Hartmann. Direct and Immediate Drawing with CNC Machines. 1st Annual ACM Symposium on Computational Fabrication (SCF '17).
- [2] **Jingyi Li**, Michelle X. Zhou, Huahai Yang, and Gloria Mark. Confiding in and Listening to Virtual Agents: The Effect of Personality. 22nd International Conference on Intelligent User Interfaces (IUI '17).
- [1] Valkyrie Savage, Sean Follmer, **Jingyi Li**, and Björn Hartmann. Makers' Marks: Physical Markup for Designing and Fabricating Functional Objects. 28th Annual ACM Symposium on User Interface Software & Technology (UIST '15).

INVITED TALKS	<p>[3] A Ratings System for Piracy: Quantifying and Mapping BitTorrent Activity for <i>The Walking Dead</i>. With Abigail De Kosnik & Benjamin De Kosnik <i>Distribution Matters: ICA Preconference</i>, San Diego, CA, 2017.</p> <p>[2] Using Computer Science to Make Cool Stuff <i>TeenTechSF</i>, Berkeley, CA, 2017.</p> <p>[1] Gone Fishing: New Participatory Cultures In & Out of <i>Hannibal</i> <i>Society of Cinema & Media Studies Undergraduate Conference</i>, Smith College, MA, 2015.</p>														
POSITION PAPERS	<p>[2] Jingyi Li. 2019. Enactive Artefacts: The Craft of Cosplay. Troubling Innovation Workshop.</p> <p>[1] Jingyi Li, Daniel Lim, Valkyrie Savage, and Björn Hartmann. 2016. CNC Assemblage: Integrating Existing, Physical Objects into New, Digital Designs. CrossFAB Workshop.</p>														
MAGAZINE ARTICLES	<p>[1] Jingyi Li, Michael Wessely, Sean Follmer, and Stefanie Mueller. 2017. Summer School for Computational Fabrication and Smart Matter. <i>IEEE Pervasive Computing</i> 4, 50-53.</p>														
AWARDS	<table border="0" style="width: 100%;"> <tr> <td style="width: 80%;">Stanford Computer Science Student Service Award</td> <td style="text-align: right;">2019</td> </tr> <tr> <td>National Science Foundation (NSF) Graduate Research Fellow</td> <td style="text-align: right;">2017</td> </tr> <tr> <td>CRA Outstanding Undergraduate Researcher, Runner Up</td> <td style="text-align: right;">2017</td> </tr> <tr> <td>Stanford Enhancing Diversity in Graduate Education (EDGE) Fellow</td> <td style="text-align: right;">2017</td> </tr> <tr> <td>ACM Student Travel Grant (IUI '17)</td> <td style="text-align: right;">2017</td> </tr> <tr> <td>CRA Outstanding Undergraduate Researcher, Honorable Mention</td> <td style="text-align: right;">2016</td> </tr> </table>	Stanford Computer Science Student Service Award	2019	National Science Foundation (NSF) Graduate Research Fellow	2017	CRA Outstanding Undergraduate Researcher, Runner Up	2017	Stanford Enhancing Diversity in Graduate Education (EDGE) Fellow	2017	ACM Student Travel Grant (IUI '17)	2017	CRA Outstanding Undergraduate Researcher, Honorable Mention	2016		
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WORK EXPERIENCE	<table border="0" style="width: 100%;"> <tr> <td style="width: 80%;">UI & UX Design Intern, NVIDIA</td> <td style="text-align: right;">Jan – May 2017</td> </tr> <tr> <td>Software Engineer Intern, Juji Inc.</td> <td style="text-align: right;">Jun – Aug 2016</td> </tr> </table>	UI & UX Design Intern, NVIDIA	Jan – May 2017	Software Engineer Intern, Juji Inc.	Jun – Aug 2016										
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