

Shengdong Zhao

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Curriculum Vitae

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RESEARCH PROFILE

Human-Computer Interaction, focusing on interfaces and interaction techniques to facilitate creative expressions as well as encourage cooperative social interactions, a.k.a. creative social interaction

EDUCATION

University of Toronto, Toronto, ON, Canada

Ph.D. in Computer Science (Human Computer Interaction)

• 2003–2008

University of California at Berkeley, Berkeley, CA, U.S.A.

Master of Information Management & Systems

• 1999–01

Linfield College, McMinnville, OR, U.S.A.

Double Major in Computer Science and Biology

• 1994–08

Selected WORKING EXPERIENCE

Assistant Professor, National University of Singapore, Singapore

• 2008 -Present

Funded Grants

Sole-PI

AcRF Tier 1 S\$179,590 “Alternative Interaction Techniques for Mobile and Ubiquitous Environment”

NUS Young Investigator Award S\$366,000 “Multi-dimensional Adaptive Interface for the Aged”

Autodesk Canada Co. US\$20,000 “Question Answer Social Forum Analysis Project”

Graduate Students

KAZI Rubaiat Habib (PhD – SoC), ZHANG Haimo (PhD – SoC), Jun Wei (PhD – NGS), Maryam Azh (PhD – NGS), Tj Monserrat (PhD – SoC)

Post-doc fellow, Igarashi Interface Design Project, ERATO, JST – Tokyo, Japan

• 2008

Research Intern, Microsoft Research – Redmond, WA

• Summer 2005, 2006

Selected PUBLICATIONS

- [C.1] Rubaiat Habib Kazi, Kien Chuan Chua, Shengdong Zhao, Richard Davis, Kok-Lim Low (2011). SandCanvas: a multi-touch art medium inspired by sand animation. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI)*. pp. 1283-1292. **[Honorable Mention Award]**
- [C.2] Shengdong Zhao, Koichi Nakamura, Kentaro Ishii, Takeo Igarashi (2009). Magic cards: Using paper tags to support task-centric human robot interaction. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI)*. pp. 173-182. **[Selected newspaper coverage: Nikkei Sangyo Shinbun, a Japanese Industrial Newspaper; Selected TV coverage: TV Tokyo Digital 7, a Japanese nation-wide TV channel]**
- [C.3] Ken Hinckley, Shengdong Zhao, Raman Sarin, Patrick Baudisch, Edward Cutrell, Michael Shilman, Desney Tan (2007). InkSeine: In Situ Search for Active Note Taking. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI)*. pp. 251-260. **[Available for download from Microsoft Research]**
- [C.4] Shengdong Zhao, Pierre Dragicevic, Mark H. Chignell, Ravin Balakrishnan, Patrick Baudisch (2007). earPod: Eyes-free Menu Selection with Touch Input and Reactive Audio Feedback. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI)*. pp. 1395-1404. **[Selected press coverage: MIT Technology Review, May 2007]**
- [C.5] Shengdong Zhao, Ravin Balakrishnan. (2004). Simple vs. Compound Mark Hierarchical Marking Menus. *Proceedings of the ACM Symposium on User Interface Software and Technology (UIST)*. pp. 33-42. **[Received 5,5,5,5 from all reviewers -the highest review score in UIST 2004.]**