

Stanford



James Landay

Anand Rajaraman and Venky Harinarayan Professor in the School of Engineering
Computer Science

CONTACT INFORMATION

- **Alternate Contact**

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Bio

BIO

James Landay is a Professor of Computer Science at Stanford University, specializing in human-computer interaction (HCI). Previously, Dr. Landay was a Professor of Information Science at Cornell Tech in New York City and prior to that a Professor of Computer Science & Engineering at the University of Washington. His current research interests include Technology to Support Behavior Change, Demonstrational Interfaces, Mobile & Ubiquitous Computing, and User Interface Design Tools. He is the founder and co-director of the World Lab, a joint research and educational effort with Tsinghua University in Beijing.

Dr. Landay received his BS in EECS from UC Berkeley in 1990 and MS and PhD in Computer Science from Carnegie Mellon University in 1993 and 1996, respectively. His PhD dissertation was the first to demonstrate the use of sketching in user interface design tools. He was previously the Laboratory Director of Intel Labs Seattle, a university affiliated research lab that explored the new usage models, applications, and technology for ubiquitous computing. He was also the chief scientist and co-founder of NetRaker, which was acquired by KeyNote Systems in 2004. From 1997 through 2003 he was a professor in EECS at UC Berkeley.

ACADEMIC APPOINTMENTS

- Professor, Computer Science
- Member, Stanford Neurosciences Institute

HONORS AND AWARDS

- SIGCHI Academy Member, ACM SIGCHI (2011)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- CISE Advisory Committee Member, National Science Foundation (2010 - present)

PROFESSIONAL EDUCATION

- BS, UC Berkeley , Electrical Engineering & Computer Science (1990)
- MS, Carnegie Mellon University , Computer Science (1993)
- PhD, Carnegie Mellon University , Computer Science (1996)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Landay's current research interests include Technology to Support Behavior Change (especially for health and sustainability), Crowdsourcing, Demonstrational User Interfaces, Mobile & Ubiquitous Computing, Cross-Cultural Interface Design, and User Interface Design Tools. He has developed tools, techniques, and a top professional book on Web Interface Design.

Dr. Landay is the founder and co-director of the World Lab, a joint research and educational effort with Tsinghua University in Beijing.

Teaching

COURSES

2017-18

- Designing Solutions to Global Grand Challenges: CS 377E (Spr)
- Introduction to Human-Computer Interaction Design: CS 147 (Aut)
- User Interface Design Project: CS 194H (Win)

2016-17

- Designing Solutions to Global Grand Challenges: CS 377E (Spr)
- Introduction to Human-Computer Interaction Design: CS 147 (Aut)
- Mobilizing Healthcare - iOS Development for Mobile Health: CS 96SI (Aut)
- User Interface Design Project: CS 194H (Win)

2015-16

- Designing Solutions to Global Grand Challenges: CS 377E (Spr)
- Introduction to Human-Computer Interaction Design: CS 147 (Aut)
- User Interface Design Project: CS 194H (Win)

2014-15

- Designing Solutions to Global Grand Challenges: CS 377E (Spr)
- Introduction to Human-Computer Interaction Design: CS 147 (Aut)
- User Interface Design Project: CS 194H (Win)

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Elizabeth Murnane, Pablo Paredes Castro

Master's Program Advisor

Ekua Awotwi, Griffin Koontz

Publications

PUBLICATIONS

- **Toolkit Support for Integrating Physical and Digital Interactions** *HUMAN-COMPUTER INTERACTION*
Klemmer, S. R., Landay, J. A.
2009; 24 (3): 315-366

- **Integrating physical and digital interactions on walls for fluid design collaboration** *HUMAN-COMPUTER INTERACTION*
Klemmer, S. R., Everitt, K. M., Landay, J. A.
2008; 23 (2): 138-213
- **The mobile sensing platform: An embedded activity recognition system** *IEEE PERVASIVE COMPUTING*
Choudhury, T., Consolvo, S., Harrison, B., LaMarca, A., LeGrand, L., Rahimi, A., Rea, A., Borriello, G., Hemingway, B., Klasnja, P. P., Koscher, K., Landay, J. A., Lester, et al
2008; 7 (2): 32-41
- **Siren: Context-aware computing for firefighting** *2nd International Conference on Pervasive Computing*
Jiang, X. D., Chen, N. Y., Hong, J. I., Wang, K., Takayama, L., Landay, J. A.
SPRINGER-VERLAG BERLIN.2004: 87-105