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Research Interests

I have two long-term research goals. The first is in **usable privacy and security**, in terms of developing better systems and user interfaces to help people manage their privacy and security for the computing environments of today and tomorrow. One current thrust is in **anti-phishing**, protecting people from online criminals that try to steal your personal information.

My second long-term research goal is in developing **ubiquitous computing** applications that can harness the power of sensors and context-aware systems. Current areas of interest include **mobile social software, location-based services**, **mobile computing**, and **privacy and security**.

Education

2005 **Ph.D., Computer Science, University of California at Berkeley**
Advisor: James Landay
Thesis topic: *An Architecture for Privacy-Sensitive Ubiquitous Computing*

1997 **B.S., Discrete Mathematics, Georgia Institute of Technology**
Highest honors

1997 **B.S., Computer Science, Georgia Institute of Technology**
Highest honors
Minor: Software Engineering and Operations Research

Academic Honors and Awards

2003 Siebel Scholar
2001 Intel Fellowship
1999 GAAAN Fellowship, University of California at Berkeley
1997 NSF Honorable Mention

Professional Employment

2004 – Present **Assistant Professor**, Carnegie Mellon University, Human Computer Interaction Institute

Teaching courses in human-computer interaction. Performing research in areas of human-computer interaction, usable privacy and security, and ubiquitous computing.

Developing Marmite (with PhD student Jeff Wong), an end-user programming tool for re-purposing existing digital content by rapidly extracting, processing, and integrating existing web content and services. For example, "find all of the addresses on this set of web pages, keep only the ones in Pennsylvania, and then put them all onto Google Maps." *Has led to work-in-progress paper [c.11] and conference paper [C.20].*

Developing Next-Generation Instant Messaging (with PhD student Karen Tang). NGIM looks at the convergence of mobility, multimodal input and output, and location information for instant messaging. *Has led to conference paper [C.24] and workshop papers [w.13] and [w.16].*

Developing tools and techniques for supporting trust decisions, in the context of anti-phishing (with PIs Alessandro Acquisti, Lorrie Cranor, Sven Dietrich, Julie Downs, Norman Sadeh). Rather than focusing exclusively on algorithms, this project looks at helping end-users make better decisions. *Has led to conference papers [C.17], [C.18], [C.19], [C.22], [C.23] and [C.26].*

Developing tools and techniques for usable privacy and security in pervasive computing (with PIs Lorrie Cranor, Bruce McLaren, Norman Sadeh). Designing, implementing, and evaluating various

user interfaces to help capture and refine end-user preferences for location disclosure and other kinds of services in pervasive computing. *Has led to paper [C.21] and [C.24] and workshop paper [w.16].*

Developing Whisper, a location-based service for finding interesting community events such as garage sales, book signings, and academic talks. *Has led to work in progress paper [c.10].*

Developed Topiary, a rapid prototyping tool for location-enhanced applications. *Has led to conference paper [C.15], journal article [J.7], and workshop paper [w.12].*

1993 – Present **Consulting**

Advise companies on user interface design and user interface software implementation.

NetRaker Corporation, Mt. View, CA
Edealfinder.com, Atlanta, GA
FXPAL, Palo Alto, CA
NetEase.com, Guangzhou, China
Dixie Dye, Lafayette, Georgia

1998 – 2004 **Research Assistant,** University of California at Berkeley, with Dr. James Landay

Investigated support and applications of ubiquitous computing, investigating issues of privacy, design tools, design patterns, and emergency response for firefighters.

Developed Confab, an infrastructure for simplifying the task of creating privacy-sensitive ubiquitous computing systems. *Has led to one full paper describing the overall system in MobiSys 2004 [C.10], a short paper on distributed queries at Ubicomp 2002 [c.9], an essay on context infrastructure in Journal of HCI [J.3], a short journal paper in Personal Technologies [J.2], participation in a CHI 2001 workshop on ubiquitous computing [w.4], a CHI 2001 workshop on ubiquitous computing [w.3], a CHI 2002 doctoral consortium talk [c.6], and a NIST workshop on Smart Spaces [w.1].*

Supervised one undergrad in understanding and analyzing privacy needs in ubiquitous computing. *Has led to full paper on privacy risk models for ubiquitous computing [C.11]. With colleague Xiaodong Jiang, have developed model for architecting privacy-sensitive systems, leading to a full paper [C.7].*

Co-supervised two undergrads with colleague James Lin in design patterns for ubiquitous computing. *Has led to one full paper [C.12].*

Co-supervised four undergrads with colleague Xiaodong Jiang on ubiquitous computing for firefighters. *Has led to a full paper on support tools for firefighters [C.9] and a full paper on field studies with firefighters [C.8].*

Helped develop WebQuilt (http://guir.berkeley.edu/webquilt), remote web logging and visualization software intended to help web designers find and understand web usability problems. *Co-supervised three undergrads with colleague Sarah Waterson. Has led to WWW10 full paper [C.4], a journal paper in ACM Transactions on Information Systems (TOIS) [J.4], and an AVI conference paper [C.5]. Downloaded over 1000 times since January 2001.*

Mentored SUPERB Summer 2003 student Ian Li on project A Capella, a context-aware programming by demonstration. Also mentored SUPERB Summer 2000 student Alex Salazar on project PilotStorm, a PDA-based brainstorming tool for small groups.

Helped develop DENIM (http://guir.berkeley.edu/denim), a sketch-based tool for early web site design. *Co-supervised eight undergrads with colleague James Lin. Led to CHI 2000 full paper [C.2], journal paper [J.5], tech report [T.2], CHI 2001 video [c.4]. Downloaded over 75000 times since May 2000.*

Developed SATIN, toolkit-level support for sketch-based informal applications. (http://guir.berkeley.edu/satin). Toolkit is being used in research projects at Berkeley and at Georgia Tech. *Culminated in a UIST 2000 full paper [C.3] and workshop papers [w.5] and [w.6]. Downloaded over 2500 times since August 2000.*

2001 – 2002 **Research Assistant,** Xerox PARC, with Mark Newman and Dr. Keith Edwards

Worked on SpeakEasy, a project focused on radical interoperability for devices and sensemaking in a ubicomp environments. Developed map-based interface for visualizing components, as well as

location- and history-based queries. *Led to a conference paper [C.6].*

1998 **Research Assistant,** Fuji-Xerox Palo Alto Laboratory**,** with Dr. Bill Schilit

Designed and developed Printertainment, entertainment applications for paper user interfaces. Paper user interfaces can be printed out, marked up, and later scanned back in and processed. Applications included MadLibs and CoverNotes, a lightweight group communication tool. *Culminated in a CHI 1999 short paper [c.1].*

1997 **Research Assistant,** IBM T.J. Watson Research, with Dr. Noi Sukaviriya

Designed and developed JTransport, a system that can migrate running Java applications from one computer to another. Extended this to turn arbitrary Java applets into collaborative applications by replicating the applet and multicasting user events.

1996 – 1997 **Research Assistant,** Georgia Institute of Technology, with Dr. Gregory Abowd

Assisted with software development on Cyberguide, a location-aware tour guide on small devices. *Culminated in journal article [J.1] and technical report [T.1].*

Teaching

Carnegie Mellon University

Fall 2007 The Social Web, 05-320 and 05-820, *with Robert Kraut*

New course looking at social and technical issues with social web sites. Internally funded by Institute for the Study of Entrepreneurship, Innovation and Technology at CMU.

Spring 2007 Research Topics in Ubiquitous Computing, 05-899D, *11 students*

Usable Privacy and Security, 05-899C, *with Lorrie Cranor, 14 students*

Fall 2006 Software Architectures for User Interfaces, 05-431/05-631, *17 MHCI, 11 undergraduate*

Spring 2006 Undergrad HCI Project Course, 05-571A, *18 undergraduate students*

Semester-long capstone project for seniors specializing in human-computer interaction. Resulted in one journal submission to The Journal of the American Dental Association (JADA) [J.8].

Usable Privacy and Security, 05-899, *with Lorrie Cranor and Mike Reiter, 14 grad, 1 undergraduate*

New course looking at research issues in designing usable privacy and security mechanisms.

Fall 2005 Software Architectures for User Interfaces, 05-431/05-631, *17 graduate, 11 undergraduates*

Resulted in one student paper to ASSETS conference on assistive technologies, 2 plug-ins for the open source Quicksilver project, and conference paper [C.23].

Spring 2005 Undergrad HCI Project Course, 05-571A, 12 units, *16 undergraduate students*

Semester-long capstone project for seniors specializing in human-computer interaction.

Fall 2004 Research Topics in Ubiquitous Computing, 05-899I, *15 graduate students*

Developed a new special topics course on ubiquitous computing. Topics included location-based services, sensing, context-awareness, privacy, software architectures, rapid prototyping, and applications. Led to conference paper [C.16].

University of California at Berkeley

Summer 2004, Summer 2002, Summer 2001 User Interface Design, Prototyping, and Evaluation, with Dr. James Landay and Scott Klemmer
Instructor, University of California at Berkeley Extension Summer Engineering Institute

Co-taught a three-day compressed version of a semester-long course on user interfaces. My focus was on web design and on toolkits for building user interfaces.

Spring 2001 The Past, Present, and Future of Interactive Computing (CS39I), with Dr. James Landay
Instructor, University of California at Berkeley

Developed a new freshman seminar, co-taught with professor James Landay. Surveyed and discussed seminal developments in human-computer interaction, current state of the art in user interfaces, and trends and potential form factors for the future. 18 students.

Fall 1998 Software Engineering (CS169), with Dr. Alfred Strohmeier (Fall 1998)
Teaching Assistant, University of California at Berkeley
Responsibilities included leading discussion, grading projects, setting up software

Spring 1998 Software Engineering (CS169), with Dr. Eric Brewer (Spring 1998)
Teaching Assistant, University of California at Berkeley
Responsibilities included leading discussion, setting up software, grading

Fall 1997 Human Computer Interaction (CS160), with Dr. James Landay (Fall 1997)
Teaching Assistant, University of California at Berkeley
Responsibilities included leading discussion and grading course projects.

Georgia Institute of Technology

Spring 1997 Introduction to Programming (CS1502), Apr1997 – Jun1997
Instructor, Georgia Institute of Technology
Responsibilities included designing course program and content, conducting lectures, and writing exams. 30 students.

1996 – 1997 Special Topics: Java Programming (CS4812), Sep1996 – Mar1997
Instructor, Georgia Institute of Technology
Designed course program and content to instruct teaching assistants to use Java for transition to the introductory programming class from Pascal to Java. 12 students.

1996 – 1997 Introduction to Programming (CS1502), with Dr. Russ Shackelford
Head Teaching Assistant**,** Georgia Institute of Technology
Headed transition of Georgia Tech's Introductory Programming from Pascal to Java.

1994 – 1996 Introduction to Programming (CS1502), with Dr. Russ Shackelford
Teaching Assistant**,** Georgia Institute of Technology
Responsibilities included grading papers and programming assignments, leading recitation and lab, assisting students, and writing exams.

Academic Advising

PhD Students 6 doctoral students (5 active, 0 graduated)
Karen Tang, CMU HCII (co-advised with Dan Siewiorek)
Jeff Wong, CMU HCII
Bryan Pendleton, CMU HCII
Jialiu Lin, CMU SCS (co-advised with Norman Sadeh)
Polo Chau, CMU MLD (co-advised with Christos Faloutsos)
Pedram Keyani, CMU HCII (left for Google in 2005)

Visiting Scholars Yue Zhang, University of Pittsburgh (2006-2007)

Advisory Committee Gabriel Johnson, CMU Architecture (2007)

Dissertation Committees Steve Sheng, Carnegie Mellon University (EPP program). *Combating phishing through technical, policy and user education*. Proposed Jan 2008.

Serge Egelman, Carnegie Mellon University (SCS COS program). *Trust Me: Building A Methodology for Trustworthy Online Trust Indicators*. Proposed Oct 2007.

Ponnurangam Kumaraguru, Carnegie Mellon University (SCS COS program). *PhishGuru: A System for Educating Users about Semantic Attacks*. Proposed Apr 2007.

Rob Reeder, Carnegie Mellon University (SCS CSD program). *User Interface Visualization Techniques to Support Fast, Accurate Security and Privacy Policy Authoring*. Proposed Jan 2007.

Service

Editorial Boards

2007 – present IEEE Pervasive Computing, Editorial Board

Guest Edited Journals

2007 IEEE Pervasive Computing, Special Issue on Privacy and Security

Technical Program Chairs

2008 SOUPS 2008 (Symposium On Usable Privacy and Security), with Simson Garfinkel

2007 SOUPS 2007 (Symposium On Usable Privacy and Security), with Diana Smetters

Program Committees

2008 HotMobile 2008 (Hot Topics in Mobile Computing)
World Wide Web 2008 (Privacy and Security track)

2007 ICME 2007 (International Conference on Multimedia and Expo)
IUI 2007 (International Conference on Intelligent User Interfaces)
HotMobile 2007 (Hot Topics in Mobile Computing)
Financial Cryptography 2007 (FC07) Security Usability Workshop

2006 SOUPS 2006 (Symposium On Usable Privacy and Security)
MobiSys 2006 (Mobile Systems, Applications, and Services)
ICMI 2006 (International Conference on Multimodal Interfaces)
WMCSA 2006 (Workshop on Mobile Computing Systems and Applications)
CHI 2006 (ACM Conference on Human Factors in Computing Systems)

2005 CHI 2005 (ACM Conference on Human Factors in Computing Systems)
UIST 2005 (ACM Symposium on User Interface Software and Technology)
IUI 2005 (International Conference on Intelligent User Interfaces)

2004 UIST 2004 (ACM Symposium on User Interface Software and Technology)

2003 WMCSA 2003 (Workshop on Mobile Computing Systems and Applications)

Workshops Organized

2005 Ubicomp 2005 Privacy Workshop, with Alessandro Acquisti, John Canny, Jens Grossklags, Marc Langheinrich, Scott Mainwaring

2004 Ubicomp 2004 Privacy Workshop, with John Canny, Alessandro Acquisti, Marc Langheinrich

Doctoral Consortium Organizer

2006 WMCSA 2006 (Workshop on Mobile Computing Systems and Applications)

Student Volunteer Organizer

2001 UIST 2001 (ACM Symposium on User Interface Software and Technology), with Khai Truong

Organizing Committee

2005 SOUPS 2005 (Symposium On Usable Privacy and Security)

Other

2007 Communications of the ACM (CACM) Editorial Board, Web site subboard

University Service

2007	MHCI Student Admissions committee	SCS HCII, Carnegie Mellon University
	BHCI Student Admissions committee	SCS HCII, Carnegie Mellon University
	Curriculum committee	SCS HCII, Carnegie Mellon University
2006	PhD Student Admissions committee	SCS HCII, Carnegie Mellon University
	BHCI Student Admissions committee	SCS HCII, Carnegie Mellon University
2005	PhD Student Admissions committee	SCS HCII, Carnegie Mellon University
2002	PhD admissions committee	CS Division, University of California at Berkeley
2001	PhD admissions committee	CS Division, University of California at Berkeley
	Computer Science Grad Student Assoc (CSGSA) Librarian	

2000 Computer Science Grad Student Assoc (CSGSA) Librarian

Contract and Grant Support

Current Support

11/2007 – 2008
Funder: Nokia Research
Proposal: User-Controllable Security and Privacy
Awarded: $50,000 / 1 year
With: Norman Sadeh

08/2007 – 2008
Funder: Portugal Telecom
Proposal: Anti-Phishing
Awarded: $120,000 / 1 year
With: Alessandro Acquisti, Lorrie Cranor, Norman Sadeh

07/2007 – 2008
Funder: Institute for the Study of Entrepreneurship, Innovation and Technology, CMU
Proposal: 05-320 / 05-820 – The Social Web: Content, Communities, and Context
Awarded: $19,978 / 1 year
With: Robert Kraut

04/2007 – 2008
Funder: DARPA Computer Science Study Panel
Awarded: $100,000 / 1 year

04/2007 – 2008
Funder: Microsoft Research
Proposal: Marmite: End-User Programming for Large Sets of Real-Time Sensor Data
Awarded: $71,000 / 1 year

09/2006 – 2010
Funder: NSF CyberTrust CNS-0627513
Proposal: User-Controllable Security and Privacy for Pervasive Computing
Awarded: $1,100,000 / 4 years
With: Lujo Bauer, Lorrie Cranor, Bruce McLaren, Norman Sadeh-Koniecpol

09/2005 – 2008
Funder: NSF Intelligent Information Systems IIS-0534406
Proposal: Next Generation Instant Messaging: Communication, Coordination, and Privacy for Mobile, Multimodal, and Location-Aware Devices
Awarded: $365,869 / 3 years

08/2005 – 2008
Funder: NSF CyberTrust CCF-0524189
Proposal: Supporting Trust Decisions
Awarded: $1,993,467 / 3 years
With: Lorrie Cranor, Norman Sadeh-Koniecpol, Alessandro Acquisti, Julie Downs

06/2005 – 2008
Funder: Intel Research
Title: Whisper Community Event Service
Awarded: $216,000 / 3 years (unrestricted)

08/2007 – 2008
Funder: CMU CyLab
Title: Helping Law Enforcement Agencies and Volunteer Groups Detect, Report, and Shut Down Phishing Web Sites
Awarded: $85,000/ 1 year

Past Support

09/2006 – 2007
Funder: NSF SGER
Proposal: Re-purposing Web Content through End-User Programming
Awarded: $75,000 / 1 year

04/2005 – 2007
Funder: CMU CyLab
Title: Privacy and Usability in Pervasive Computing Environments
Awarded: $268,867 and $150,000 / 2 years
With: Norman Sadeh-Koniecpol, Peter Steenkiste, Lorrie Cranor, and Bruce McLaren

Summer 2006 — Funder: Microsoft Trustworthy Computing Curriculum 2005
Proposal: Development of New Course: Usable Privacy and Security
Awarded: $50,000 / 1 year
With: Lorrie Cranor, Mike Reiter

04/2005 – 2006 — Funder: CMU CyLab
Title: Preventing Semantic Attacks
Awarded: $203,988 / 1 year
With: Lorrie Cranor, Norman Sadeh-Koniecpol, Alessandro Acquisti, Julie Downs

03/2005 — Funder: Microsoft Corporation, Unrestricted Gift
5 i-Mate SP3 Windows Mobile Devices (~$2,224.95)

Software Artifacts

CANTINA — An algorithm and implementation for detecting phishing web sites with high true positives and few false positives. Licensed to Portugal Telecom. See [C.22].

Anti-Phishing Toolbar Testbed — A testbed that can empirically evaluate and compare the effectiveness of anti-phishing tools. Designed with Lorrie Cranor, Serge Egelman, and Yue Zhang. See [C.18].

Anti-Phishing Phil — A game designed to teach people not to fall for phishing attacks. See [C.23]. Played over 50000 times since 2007. Licensed to two different companies, and translated into Portuguese. Available under a non-commercial Creative Commons license, known uses include Children's Hospital Los Angeles. http://cups.cs.cmu.edu/antiphishing_phil

FoxTor — A browser extension for anonymous web browsing. Helped create a design that won the Tor design contest, implemented by students in Usable Privacy and Security class in 2006. https://addons.mozilla.org/firefox/3606/

Bustle — Wide-area system for estimating how busy places are. Designed with James Fogarty, Pedram Keyani, and Karen Tang. See [C.16].

Topiary — Sketch-based rapid prototyping tool for location-enhanced applications. Designed with Yang Li and James Landay. See [C.15] and [J.7]. http://dub.washington.edu/topiary

DENIM — Sketch-based web site design and test tool. Downloaded over 60000 times since May 2000 and in use by both researchers and professional designers. Designed and implemented with James Lin, Mark Newman, and James Landay. See [C.2] and [J.5]. http://dub.washington.edu /denim

SATIN — Toolkit for building sketch-based applications. Downloaded over 2000 times since August 2000, and used in at least seven research projects, and in courses at Georgia Institute of Technology. Designed and implemented with James Landay. See [C.3]. http://dub.washington.edu/satin

WebQuilt — Web site evaluation and visualization tool. Downloaded over 1000 times since January 2001 and in use by researchers and web designers. Designed and implemented with Sarah Waterson, Jeff Heer, and James Landay. See [J.4], [C.4], and [C.5]. http://dub.washington.edu/webquilt

Publications

Books

[B.1] van Duyne, D.K., J.A. Landay, and J.I. Hong, *The Design of Sites: Patterns for Creating Winning Web Sites*. 2nd edition. Reading, MA: Addison-Wesley, 2006. http://www.designofsites.com

Book Chapters

[BC.1] Lederer, S., J.I. Hong, A. Dey, and J.A. Landay, *Personal Privacy through Understanding and Action: Five Pitfalls for Designers*, in *Security and Usability: Designing Secure Systems That People Can Use*, L. Cranor and S.L. Garfinkel, Editors. 2005. p. 421-445.

Refereed Journal Papers

[J.10] Sadeh, N., J.I.Hong, L.F. Cranor, I. Fette, P.G. Kelley, M. Prabaker, J. Rao. Understanding and

Capturing People's Privacy Policies in a People Finder Application. Submitted.

[J.9] Iachello, G., and J.I. Hong. End-User Privacy in Human-Computer Interaction. Foundations and Trends in HCI. To Appear.

[J.8] Schleyer, T., T. Thyvalikakath, P. Malatack, M. Marotta, T. Shah, P. Phanichphant, G. Price, and J.I. Hong. Development and Initial Validation of a Three-Dimensional Dental Charting Interface. *The Journal of the American Dental Association.* **138**: p1072-1080. http://jada.ada.org/cgi/content/full/138/8/1072

[J.7] Li, Y., J.I. Hong, and J. Landay, Design Challenges and Principles for Wizard of Oz Testing of Location-Enhanced Applications. *IEEE Pervasive Computing,* 2006. **6**(2): p70-75. http://doi.ieeecomputersociety.org/10.1109/MPRV.2007.28

[J.6] Lederer, S., J.I. Hong, A. Dey, and J.A. Landay, Personal Privacy through Understanding and Action: Five Pitfalls for Designers. *Personal and Ubiquitous Computing,* 2004. **8**(6): p. 440 - 454. http://www.cs.cmu.edu/~jasonh/publications/puc2004-five-pitfalls.pdf

[J.5] Newman, M.W., J. Lin, J.I. Hong, and J.A. Landay, DENIM: An Informal Web Site Design Tool Inspired by Observations of Practice. *Human-Computer Interaction,* 2002. **18**(3): p. 259-324. http://www.cs.cmu.edu/~jasonh/publications/denim-HCIJournal-final.doc

[J.4] Hong, J.I., J. Heer, S. Waterson, and J.A. Landay, WebQuilt: A Proxy-based Approach to Remote Web Usability Testing. *ACM Transactions on Information Systems,* 2002. **19**(3): p. 263-285. http://www.cs.cmu.edu/~jasonh/publications/acmTOIS-webquilt.pdf

[J.3] Hong, J.I. and J.A. Landay, An Infrastructure Approach to Context-Aware Computing. *Human-Computer Interaction*, 2001. **16**(2-3). http://www.cs.cmu.edu/~jasonh/publications/context-essay-final.pdf

[J.2] Hong, J.I. and J.A. Landay, A Context/Communication Information Agent. *Personal Technologies (Special Issue on Situated Interaction and Context-Aware Computing)*, 2001. **5**(1): p. 78-81.

[J.1] Abowd, G.D., C.G. Atkeson, J.I. Hong, S. Long, R. Kooper, and M. Pinkerton, Cyberguide: A Mobile Context-Aware Tour Guide. *ACM Wireless Networks* 1997. **3**(5): p. 421-433. http://www.cs.cmu.edu/~jasonh/publications/acm-winet-cyberguide-submit.pdf

Refereed Conference Papers

[C.28] Kumaraguru, P., S. Sheng, A. Acquisti, L.F. Cranor, and J.I. Hong. Anti-Phishing Education. In Proceedings of The International Conference on E-Learning in the Workplace (ICELW 2008). To Appear.

[C.27] Egelman, S., L.F. Cranor, J.I. Hong. You've Been Warned: An Empirical Study of the Effectiveness of Web Browser Phishing Warnings. In Proceedings of *ACM Conference on Human Factors in Computing Systems (CHI2008), CHI Letters **10**(1).* 2007. To Appear [22% acceptance rate]. Nominee for CHI Best Paper Award. http://www.cs.cmu.edu/~jasonh/publications/CHI2008-active-warnings-study-final.pdf

[C.26] Kumaraguru, P., Y.W. Rhee, S. Sheng, A. Acquisti, L. Cranor, and J.I. Hong. Getting Users' to Pay Attention to Anti-Phishing Education: Evaluation of Retention and Transfer**.** In Proceedings of eCrime 2007. [36.8% acceptance rate] http://www.cs.cmu.edu/~jasonh/publications/apwg-ecrime2007-johnny.pdf

[C.25] Tang, K.P., I. Smith, A. Ha, L. Satpathy, and J.I. Hong. Memory Karaoke: Aiding Episodic Memory with Location-Enhanced Mobile Phones. In Proceedings of MobileHCI 2007.

[C.24] Hsieh, G., K.P. Tang, W.Y. Low, and J.I. Hong. Field Deployment of IMBuddy: A Study of Privacy Control and Feedback Mechanisms for Contextual Instant Messengers. In Proceedings of *The Ninth International Conference on Ubiquitous Computing (Ubicomp 2007).* To Appear. [19% acceptance rate] http://www.cs.cmu.edu/~jasonh/publications/ubicomp2007-imbuddy-final.pdf

[C.23] Sheng, S., B. Magnien, P. Kumaraguru, A. Acquisti, L.F. Cranor, J.I. Hong, E. Nunge. Anti-Phishing

Phil: The Design and Evaluation of a Game That Teaches People Not to Fall for Phish. In the Proceedings of *Symposium on Usable Privacy and Security 2007 (SOUPS 2007)*. 2007. [31.7% acceptance rate]
http://www.cs.cmu.edu/~jasonh/publications/soups2007-anti-phishing-phil-final.pdf

[C.22] Zhang, Y., J. Hong, and L. Cranor. CANTINA: A Content-Based Approach to Detecting Phishing Web Sites. In the Proceedings of *The 16th International World Wide Web Conference (WWW2007)*. 2007. [14.7% acceptance rate]
http://www.cs.cmu.edu/~jasonh/publications/www2007-cantina-submit.pdf

[C.21] Cornwell, J., I. Fette, G. Hsieh, M. Prabaker, J. Rao, K. Tang, K. Vaniea, L. Bauer, L. Cranor, J. Hong, B. McLaren, M. Reiter, and N. Sadeh. User-Controllable Security and Privacy for Pervasive Computing. In the Proceedings of *The 8th IEEE Workshop on Mobile Computing Systems and Applications (HotMobile 2007)*. 2007. To Appear. [33.3% acceptance rate]
http://www.cs.cmu.edu/~jasonh/publications/HotMobile2007-user-controllable-security-privacy-final.pdf

[C.20] Wong, J. and J.I. Hong. Making Mashups with Marmite: Towards End-User Programming for the Web. In Proceedings of *ACM Conference on Human Factors in Computing Systems (CHI2007), CHI Letters **9**(1)*. 2007. pp 1435-1444 [25% acceptance rate]
http://www.cs.cmu.edu/~jasonh/publications/CHI2007-Marmite-final.pdf

[C.19] Kumaraguru, P., Y.W. Rhee, A. Acquisti, L. Cranor, and J.I. Hong, E. Nunge. Protecting People from Phishing: The Design and Evaluation of an Embedded Training Email System. In Proceedings of *ACM Conference on Human Factors in Computing Systems (CHI2007), CHI Letters **9**(1)*. 2007. 905-914. [25% acceptance rate]
http://www.cs.cmu.edu/~jasonh/publications/CHI2007-embedded-training-final.pdf

[C.18] Zhang, Y., S. Egelman, L. Cranor, and J. Hong. Phinding Phish: An Evaluation of Anti-Phishing Toolbars. In Proceedings of *The 14th Annual Network & Distributed System Security Symposium (NDSS2007)* 2007. [15.3% acceptance rate]
http://www.cs.cmu.edu/~jasonh/publications/ndss-phish-tools-final.pdf

[C.17] Romanosky, S., A. Acquisti, J.I. Hong, L.F. Cranor, and B. Friedman, Privacy Patterns for Online Interactions. In Proceedings of *The 11th European Conference on Pattern Languages of Programs (Europlop 2006)*. 2006.
http://www.cs.cmu.edu/~jasonh/publications/europlop2006-privacy-patterns-D2.pdf

[C.16] Tang, K.P., J. Fogarty, P. Keyani, and J.I. Hong, *Putting People in their Place: An Anonymous and Privacy Sensitive Approach to Collecting Sensed Data in Location-Based Applications.* In Proceedings of *ACM Conference on Human Factors in Computing Systems (CHI2006),* CHI Letters, 2006. **8**(1): pp. 93-102. [23.3% acceptance rate]
http://www.cs.cmu.edu/~jasonh/publications/CHI2006-hitchhiking-final.pdf

[C.15] Li, Y., J.I. Hong, and J.A. Landay. Topiary: A Tool for Prototyping Location-Enhanced Applications. In Proceedings of *ACM Symposium on User Interface Software and Technology (UIST2004), CHI Letters **6**(2)* 2004. [20% acceptance rate].
http://www.cs.cmu.edu/~jasonh/publications/uist2004-topiary-final.pdf

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http://www.cs.cmu.edu/~jasonh/publications/dis2004-ubicomp-patterns-final.pdf

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[IT.26] *Two Rants on Mobile Computing.* Intel Ultra-Mobile Devices Workshop. Feb 20, 2007.

[IT.25] *Usable Privacy and Security: Trust, Phishing, and Pervasive Computing.* Georgia Institute of Technology. Jan 28, 2007.

[IT.24] *Making Mashups with Marmite.* PARC ISL. Jan 9, 2007.

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Association Memberships

Member, ACM Association for Computing Machinery
Member, ACM SIGCHI Special Interest Group Computer Human Interaction

Activities and Other Skills

Berkeley EECS Grad Student Book Club
Georgia Tech Academic Team
- Team Captain (1996-1997)
- ACF National Champions (1996)

Berkeley Quiz-Bowl
- NAQT Nationals, 2nd place (1999)
- Tournament Director, multiple quiz-bowl tournaments held at Berkeley
- Treasurer (Fall 1998 – Spring 1999)

Intermediate Mandarin Chinese (speaking only)
Go (novice)