

Jialiu Lin

Wean Hall 4121
5000 Forbes Ave
Carnegie Mellon University
Pittsburgh, PA 15213

E-mail: jialiul@cs.cmu.edu
jialiu@cmu.edu
Mobile: +1-412-330-9998

- Education** **Carnegie Mellon University (CMU), Pittsburgh PA** Sept 2007-Present
- PhD candidate in Computer Science
 - Thesis Advisors: Prof. Norman Sadeh and Prof. Jason Hong
- Hong Kong University of Science & Technology (HKUST)** Feb 2004-June 2007
- B.S. in Computer Engineering
 - Overall GGA 11.76/12.00 (Corresponding GPA=3.99)
 - First Class Honors
- Technical Skills** **Programming Languages:** C, C++, Java, JavaScript, PHP, Python
- Internet Technology:** JSP, JSF, client/server architecture, HTML, ASP.NET
- Operating Systems:** Windows, Unix, Linux, Symbian OS
- Database:** SQL, MySQL, JDBC
- Applications:** MS Office, Visual Studio.Net, Dreamweaver, Matlab, Photoshop, Adobe Audition, Sony Vegas, JMP
- Domains of Expertise:** Mobile computing, Location-based services, User controllable privacy, User study design
- Experience** **Mobile Commerce Lab @ CMU** Sept 2007 - Present
- Graduate Research Assistant
- Conducted research on users' preferences of place naming in a location sharing system
 - Designed and implemented an energy efficient mobile sensing system for automatic user state recognition
 - Assisted other researchers' work on privacy and usability issues in mobile computing
- DOCOMO USA Labs, Palo Alto, CA** Summer 2010
- Graduate Research Intern
- Designed and implemented a context-aware wellness recommendation system on mobile devices
- School of Computer Science, CMU** Fall 2008
- Teaching Assistant in courses Information Security & Privacy and Web Security, Privacy & Commerce
- Organized tutorial sessions for students who needed help in homework assignments
 - Designed and graded homework/exam problems
 - Held weekly office hours
- Nokia Research Centre, Palo Alto, CA** Summer 2008
- Graduate Research Intern
- Evaluated energy consumption of various embedded sensors in smart phones
 - Built an energy efficient mobile sensing framework
- Wireless Sensor Network Group @ HKUST, Hong Kong SAR** Spring 2006- Spring 2007
- Undergraduate Research Assistant
- Proposed and implemented self-organized ID assignment algorithm in wireless sensor networks
 - Studied and evaluated existing load balancing algorithms on wireless networks
 - Assisted in the implementation of WIANI system

Publications Jialiu Lin, Michael Benisch, Norman Sadeh, Jianwei Niu, Jason Hong, Banghui Lu, Shaohui Guo, "A Comparative Study of Location-sharing Privacy Preferences in the US and China," *Submitted to the 13th ACM International Conference on Ubiquitous Computing*, Beijing, China, 2011

Shahriyar Amini, Janne Lindqvist, Jason Hong, Jialiu Lin, Eran Toch, Norman Sadeh, "Caché: Caching Location-Enhanced Content to Improve User Privacy," *Proc. Of the 9th Annual International Conference on Mobile Systems, Applications and Services*, Washington D.C., USA, 2011

Jianwei Niu, Da Huo, Xiaohui Xie, Jialiu Lin, Xiao Zeng, Yingfei Liu, "MoviShooter: Bookmarking Videos in Real-Time for Mobile Device Users", *in the workshop of Video Interaction in the 29th ACM CHI Conference on Human Factors in Computing System*, Vancouver, Canada, 2011.

Jialiu Lin, Guang Xiang, Jason Hong and Norman Sadeh, "Modeling People's Place Naming Preferences in Location Sharing", *Proc. Of the 12th ACM International Conference on Ubiquitous Computing*, Copenhagen, Denmark, 2010

Karen Tang, Jialiu Lin and Jason Hong, "Rethinking Location Sharing: Exploring the Implications of Social-Driven vs. Purpose-Driven Location Sharing", *Proc. Of the 12th ACM International Conference on Ubiquitous Computing*, Copenhagen, Denmark, 2010

Yi Wang, Jialiu Lin, Murali Annavaram, Quinn A. Jacobson, Jason Hong, Bhaskar Krishnamachari and Norman Sadeh, "A Framework of Energy Efficient Mobile Sensing for Automatic User State Recognition," *Proc. Of the 7th Annual International Conference on Mobile Systems, Applications and Services*, Krakow, Poland, June 22-25, 2009

Jialiu Lin, Yunhuai Liu and Lionel Ni, "SIDA: Self-Organized ID Assignment in Wireless Sensor Networks," *Proc. of the 4th IEEE International Conference on Mobile Ad-hoc and Sensor Systems*, Pisa, Italy, October 8-11, 2007.

Further Professional Activities	Volunteer reviewer of NCWIT Award for Aspirations in Computing	Dec 2009
	• Reviewed and scored the applications from young women at the high-school level for their computing-related achievements and interests.	
	Reviewer of IEEE transactions on Industrial Informatics	Dec 2009
	Reviewer of IEEE transactions on Parallel And Distributed Systems	March 2009
Leadership	Elite Student , Computer Engineering Department (CPEG), HKUST	Fall 2006 – Spring 2007
	• Took the role of student ambassador • Organized open house and orientations for CPEG department	
Honors	CMU Computer Science Department Fellowship	2007-Present
	HKUST Academic Achievement Medal	2007
	CPEG Service Scholar Award	2007
	HSBC Scholarship	2006
	Afasia Group Scholarship	2005-2007
	HKUST Dean's List	2004-2007
Extra-Curricular Activities	Volunteer of Best Buddies HK Chapter	May 2005-March 2006
	• Met regularly with people who have intellectual disabilities Member of University Choir	March 2004- March 2007