HANA T. HABIB

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RESEARCH AREA	Usable Security & Privacy; Human-Computer Interaction (HCI);
EDUCATION	**Carnegie Mellon University, School of Computer Science, Pittsburgh, PA** *Ph.D in Societal Computing* August 2016 – Present • GPA: 3.85
	Carnegie Mellon University, Pittsburgh, PA • Mountain View, CA *M.S. Information Technology-Information Security* Graduated December 2015
	Cornell University, College of Engineering, Ithaca, NY *B.S. Independent Major-Computer Science, Electrical and Computer Engineering* Graduated May 2013

CONFERENCE PUBLICATIONS

Hana Habib, Jessica Colnago, Vidya Gopalakrishnan, Sarah Pearman, Jeremy Thomas, Alessandro Acquisti, Nicolas Christin, and Lorrie Faith Cranor. "Away From Prying Eyes: Analyzing Usage and Understanding of Private Browsing." *In Proceedings of the Fourteenth Symposium on Usable Privacy and Security (SOUPS'18)*. 2018.

Hana Habib, Pardis Emami Naeini, Summer Devlin, Maggie Oates, Chelse Swoopes, Lujo Bauer, Nicolas Christin, and Lorrie Faith Cranor. "User Behaviors and Attitudes Under Password Expiration Policies." *In Proceedings of the Fourteenth Symposium on Usable Privacy and Security (SOUPS'18)*. 2018.

Hana Habib, Jessica Colnago, William Melicher, Blase Ur, Sean Segreti, Lujo Bauer, Nicolas Christin, and Lorrie Faith Cranor. "Password Creation in the Presence of Blacklists." *In Proceedings of the Workshop on Usable Security (USEC '17)*. 2017.

Sarah Pearman, Jeremy Thomas, Pardis Emami Naeini, **Hana Habib**, Lujo Bauer, Nicolas Christin, Lorrie Faith Cranor, Serge Egelman, and Alain Forget. "Let's go in for a closer look: Observing passwords in their natural habitat." *In Proceedings of the 24th ACM Conference on Computer and Communications Security (CCS'17)*. 2017.

Pardis Emami Naeini, Sruti Bhagavatula, **Hana Habib**, Martin Degeling, Lujo Bauer, Lorrie Cranor, Norman Sadeh. "Privacy Expectations and Preferences in an IoT World." *In Proceedings of the Thirteenth Symposium on Usable Privacy and Security (SOUPS '17)*. 2017.

Blase Ur, Felicia Alfieri, Maung Aung, Lujo Bauer, Nicolas Christin, Jessica Colnago, Lorrie Faith Cranor, Henry Dixon, Pardis Emami Naeini, **Hana Habib**, Noah Johnson, and William Melicher. "Design and Evaluation of a Data-Driven Password Meter." *In Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI '17)*. 2017. **Best Paper Award.**

Joshua Gluck, Florian Schaub, Amy Friedman, **Hana Habib**, Norman Sadeh, Lorrie Faith Cranor, and Yuvraj Agarwal. "How Short Is Too Short? Implications of

Length and Framing on the Effectiveness of Privacy Notices." *In Proceedings of the Twelfth Symposium on Usable Privacy and Security (SOUPS '16). 2016.*

Manya Sleeper, William Melicher, **Hana Habib**, Lujo Bauer, Lorrie Faith Cranor, and Michelle L. Mazurek. "Sharing personal content online: Exploring channel choice and multi-channel behaviors." *In Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI '16). 2016.*

Hana Qudsi and Maneesh Gupta. "Low-Cost, Thermistor Based Respiration Monitor*." In Proceedings of the 29th Southern Biomedical Engineering Conference (SBEC '13*), pp. 23-24. IEEE, 2013.

WORK EXPERIENCE Aug. 2016 – Present	**CMU CyLab Usable Privacy & Security Lab, Pittsburgh, PA** Graduate Research Assistant • Developing user study protocols to investigate research questions in the space of usable privacy and security • Utilizing quantitative and qualitative methods to analyze data collected from user studies • Served as a Teaching Assistant during the Fall 2016 semester for Privacy Policy, Law, and Technology, a cross-discipline graduate level course
May 2018 – Aug. 2018	**Snap Inc., Los Angeles, CA** Research Intern • Designed and conducted a user study to better understand the role of context on public sharing decisions of Snapchat users • Communicated study findings to stakeholders within the company to inform future product development • Collaborated with Marketing, Privacy Engineering, and Legal teams to help establish organizational processes for conducting HCI research
May 2015 – Aug. 2015	**Apple Inc., Cupertino, CA** Privacy Engineering Intern • Collaborated with teams cross-functionally to ensure privacy-protective feature designs for new and existing Apple products • Developed tools to automate recurring Privacy Engineering tasks • Analyzed reported data to better understand customer privacy needs • Created awareness of privacy-related technology challenges within Apple and proposed novel solutions
Jan. 2015 – Dec. 2015	**CMU CyLab Usable Privacy & Security Lab, Pittsburgh, PA** Graduate Research Assistant • Helped design a user study protocol to investigate effective notification mediums for Internet of Things devices • Modified a PhoneGap Android application to send push notifications containing variations of a privacy notice for a Fitbit device • Facilitated a diary and interview study of online data sharing practices in order to better understand user requirements for applications and services
June 2013 – July 2016	**National Security Agency (NSA), Fort George G. Meade, MD** Product Owner, Product Source Node Development Branch

- Implemented generation of additional cryptographic products by a Key Management Infrastructure (KMI)
- Managed team work items to ensure progress towards program goals
- Provided updates to system components to integrate new KMI capabilities
- Virtualized system components for use in the development environment

SCHOLARSHIPS AND FELLOWSHIPS
- Participant in the 2017/2018 Privacy Scholars Fellowship Program
- Recipient of the 2017/2018 and 2018/2019 CyLab Presidential Fellowship
- Recipient of the 2014 Executive Women's Forum Fellowship
- Graduate of NSA's Stokes Educational Scholarship Program

SERVICE
- INI Alumni Leadership Council Member (2018-)
- CHI Reviewer (2017-2019)
- OurCS Facilitator (2017)

CERTIFICATIONS AND SKILLS
- IAPP Certified Information Privacy Technologist (CIPT)
- *Frameworks & Tools*: MySQL, Git, Subversion, IBM SPSS, R, PhoneGap
- *Programming Languages*: Java, Python, C, C++, PHP, JavaScript
- *Operating Systems*: OS X, Windows 10, Windows 8, CentOS, Ubuntu, RHEL 6

COURSEWORK

Object Oriented Programming • Discrete Structures • Probability & Statistics • Technical Writing • Operating Systems • Fundamentals of Telecommunications • Systems Security • Foundations of Privacy • Privacy Policy and Law • Usable Privacy & Security • Mobile Security • Engineering Privacy in Software • Applied Machine Learning • Applied Data Analysis