Maritza L. Johnson

maritzaj@gmail.com
https://maritzajohnson.com

Education

Doctor of Philosophy in Computer Science, Columbia University, 2012
Master of Science in Computer Science, Columbia University, 2008
Bachelor of Arts in Computer Science, University of San Diego 2005

Employment

Principal, Good Research, Albany, CA, 2021 to present
Founding Director, Center for Digital Civil Society, University of San Diego, San Diego, CA, 2021-2023
Senior User Experience Researcher, Google, Mountain View, CA, 2019-2021
Lecturer, I School, University of California, Berkeley, Berkeley, CA, 2018-2019
Researcher, International Computer Science Institute, Berkeley, CA, 2018-2019
Visiting Lecturer, University of San Diego, San Diego, CA, 2017
Senior User Experience Researcher, Google, Mountain View, CA, 2016-2017
User Experience Researcher, Google, Mountain View, CA, 2014-2016
Technical Privacy Manager, Facebook, Menlo Park, CA, 2013-2014
Postdoctoral researcher, EECS, University of California, Berkeley, Berkeley, CA, 2012-2013
Research intern, eXtreme Computing, Microsoft Research, Redmond, WA, 2012
Research intern, Usability Group, National Institute of Standards and Technology, Gaithersburg, MD, 2011
Research intern, IBM T.J. Watson Research, Hawthorne, NY, 2009
Research intern, Security and Privacy, Microsoft Research, Redmond, WA, 2008
Research intern, AT&T Labs, Florham Park, NJ, 2007

Publications

Refereed conference publications

1. Nathan Malkin, Julia Bernd, Maritza Johnson, and Serge Egelman. What Can't Data Be Used For? User Privacy Expectations about Smart TVs. EuroUSEC '18: Proceedings of the 3rd European Workshop on Usable Security, 2018.

2. Chris Thompson, Maritza Johnson, Serge Egelman, David Wagner, and Jennifer King. When It's Better to Ask Forgiveness than Get Permission: Attribution Mechanisms for Smartphone Resources. SOUPS '13: Proceedings of the Symposium on Usable Privacy and Security, 2013.

3. Maritza Johnson, Serge Egelman, and Steven M. Bellovin. Facebook and Privacy: It's Complicated. SOUPS

'12: Proceedings of the Symposium on Usable Privacy and Security, 2012.

4. Maritza Johnson, John Karat, Clare-Marie Karat, and Keith Grueneberg. Optimizing a policy authoring framework for security and privacy policies. SOUPS '10: Proceedings of the 6th Symposium on Usable Privacy and Security, 2010.

5. Maritza Johnson, John Karat, Clare-Marie Karat, and Keith Grueneberg. Usable policy template authoring for iterative policy refinement. POLICY '10: Proceedings of the IEEE International Workshop on Policies for Distributed Systems and Networks, 2010.

6. Elli Androulaki, Maritza Johnson, Binh Vo and Steven Bellovin. Cybersecurity through an Identity Management System. First International Forum on the Application and Management of Personal Electronic Information, 2009.

7. Maritza Johnson, Chaitanya Atreya, Adam Aviv, Mariana Raykova, Steven M. Bellovin, and Gail Kaiser. RUST: A Retargetable Usability Testbed for Website Authentication Technologies. UPSEC '08: Proceedings of the 1st Conference on Usability, Psychology, and Security, 2008.

8. Zachary O. Toups, Ross Graeber, Andruid Kerne, Louis Tassinary, Sarah Berry, Kyle Overby, Maritza Johnson. A Design for Using Physiological Signals to Affect Team Game Play. ACI '06: Proceedings of Augmented Cognition International, 2006.

Refereed Workshop publications

9. Julia Bernd, Alisa Frik, Maritza Johnson, and Nathan Malkin. Smart Home Bystanders: Further Complexifying a Complex Context. Proceedings of the 2nd Symposium on Applications of Contextual Integrity, 2019.

10. Serge Egelman and Maritza Johnson. How Good is Good Enough? The Sisyphean struggle for optimal privacy settings. Proceedings of the Reconciling Privacy with Social Media Workshop (CSCW '12 Workshop), 2012.

11. Michelle Madejski, Maritza Johnson, Steven M. Bellovin. A Study of Privacy Setting Errors in an Online Social Network. SESOC '12: Proceedings of the 4th IEEE International Workshop on Security and Social Networking, 2012.

12. Maritza Johnson, Steven M. Bellovin, Angelos D. Keromytis. Computer Security Research with Human Subjects: Risks, Benefits, and Informed Consent. 2nd Workshop on Ethics in Computer Security Research, 2011.

13. Maritza Johnson and Steven M. Bellovin. Policy Management for E-Health Records. HealthSec 2010, Usenix Security Workshop, 2010.

14. Maritza Johnson, Steven M. Bellovin, Robert W. Reeder, and Stuart Schechter. Laissez-faire file sharing: Access control designed for individuals at the endpoints. NSPW '09: Proceedings of the New Security Paradigms Workshop, 2009.

15. Maritza Johnson and Steven M. Bellovin. Security Assurance for Web Device APIs. Security for Access to Device APIs from the Web, W3C Workshop, 2008.

Other Publications

16. Miles Brundage, Shahar Avin, Jasmine Wang, Haydn Belfield, Gretchen Krueger, et al. Toward Trustworthy AI Development: Mechanisms for Supporting Verifiable Claims, https://arxiv.org/abs/2004.07213, 2020.

Teaching

Creator, AI Ethics, Master of Science in Applied Artificial Intelligence, University of San Diego
Co-creator, Usable Privacy and Security, Master of Science in Cybersecurity, University of California, Berkeley
Instructor, Software Engineering and Programming II in Java, University of San Diego
Instructor, Object Oriented Programming and Design with Java, Columbia University

Service

Member, National Academy of Science Forum on Cyber Resilience, 2021 to present
Member, The Ethical Tech Project, 2021 to present
Member, Data Science Alliance, Responsible Data Science Working Group, 2021 to present
Member, Membership Committee, Charlottesville Women in Tech, 2021 - 2022
Member, Columbia University Institutional Review Board, 2011 - 2012
Budget and Finance Chair, Columbia University Graduate Student Advisory Council, 2009 - 2011
President, Columbia Women in Computer Science, 2008 - 2009

Program Committees

Enigma 2023
Privacy Engineering Practice and Respect 2022, 2023 (PEPR)
Symposium on Applications of Contextual Integrity 2022
Symposium on Usable Privacy and Security 2014, 2015, 2020 (SOUPS)
New Security Paradigms Workshop 2010, 2015, 2016 (NSPW)
NDSS Workshop on Usable Security 2014, 2016 (USEC)
Hot Topics in Privacy Enhancing Technologies 2014 (HotPETs)
Grace Hopper Celebration of Women in Computing: security and privacy track 2014 (GHC)
ACM CCS Workshop on Security and Privacy in Smartphones and Mobile Devices 2013 (SPSM)
Workshop on Ethics in Computer Security Research 2012 (WECSR)

Standards committees

W3C Web Security Context (WSC) Working Group, 2006-2009

Awards and recognition

Future of Privacy Forum's Best "Privacy Papers for Policy Makers" Competition, 2011
AT&T Labs Fellowship, 2007-2010
NSF Fellowship Honorable Mention, 2005