



Faculty Candidate Classroom Demonstration

Two Approaches to Privacy in Large Datasets

Aaron Massey, Georgia Institute of Technology

Thursday, February 12, 2015 3:30 to 4:30pm

Venue: CS202

Abstract - Privacy is an increasingly important concern for organizations seeking to share large datasets for research or business. Anonymization is an important aspect of privacy, and this talk examines two approaches to anonymization of large datasets. It begins with an introduction to k-anonymity and a brief discussion of its limitations. It concludes with a brief introduction to differential privacy, a newer technique that avoids some of the limitations of k-anonymity.

Bio - Aaron Massey is a Postdoctoral Fellow at Georgia Tech's School of Interactive Computing and the Associate Director of ThePrivacyPlace.org. His research interests include computer security, privacy, and regulatory compliance software engineering. Aaron is a recipient of the Walter H. Wilkinson Graduate Research Ethics Fellowship and a recipient of a Google Policy Fellowship. Aaron earned a PhD and MS in Computer Science from North Carolina State University and a BS in Computer Engineering from Purdue University. He is a member of the ACM, IEEE, IAPP, and the USACM Public Policy Council.