

BUET ACM CHAPTER
presents

Privacy Challenges in the Connected World

Speaker: **Anupam Das**

Assistant Professor, Department of Computer Science, North Carolina State University



Anupam Das is an Assistant Professor in the Computer Science Department at North Carolina State University (NCSSU). He received his B.S. and M.S. in Computer Science and Engineering from Bangladesh University of Engineering and Technology (BUET). He received his Ph.D. in Computer Science from the University of Illinois at Urbana-Champaign (UIUC) where he was a recipient of a Fulbright Science and Technology fellowship. Prior to joining the NC State faculty, he was a postdoctoral fellow in the School of Computer Science at Carnegie Mellon University (CMU). He previously served as an Assistant Professor in the department of Computer Science and Engineering at BUET.

Anupam conducts research in different aspects of security and privacy with a special focus towards designing secure and privacy-preserving technologies. His current research direction focuses on exploring the security and privacy challenges in the era of Internet of Things (IoT), where he is focusing on designing systems that can help enhance transparency and control for consumers. His research is supported by an NSF CRII award (2019). He has also been recipient of two ACM Distinguished Paper Awards (ASIACCS 2014, MMSys 2017).

Abstract

Today, with the rapid expansion of the Internet of Things (IoT), we face a new world, where we are never alone. At all times, a plethora of connected devices, from motion sensors to voice assistants, sense and monitor our activities. Moreover, these devices are often backed by powerful analytics to sift through large volumes of personal data, at times collected without our awareness or consent. In this talk, I will describe some of our recent research efforts in developing systems to provide better transparency in the IoT. I will briefly provide an overview of the three major research directions we are currently pursuing, where we are analyzing large-volume data generated by various IoT devices. I will also highlight some of the key research challenges in the IoT era.

When: Thursday, 25th June, 2020 (8:00 PM)

Where: Online. Zoom Meeting ID: 678 1754 7080, Password: 830617

Organized by BUET ACM Chapter, Dept. of CSE, BUET.