

Invited Talk
Department of Computer Science and Engineering
IIT Kanpur

Behind the Digital Lines-- How Safe is the Digital Safe?

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Date: January 21, 2017

Time: 4 pm - 5 pm

Venue: RM 101

Abstract: With demonitization forcing people to put their life savings behind digital safes, hear from the words of a professional hacker, the process walkthrough of cracking into industry level financial organisations. This talk will include and explain the process used by a team of 1337 hackers to crack into financial structures to steal money and critical customer data. Right from mapping targets to locating cracks and exploiting them to break in the talk will contain real life scenarios and comparisons. This will be followed by case studies depicting real life screenshots from several live projects done over the span of last few months with discussion on how such attacks can be prevented, which will open up a new perspective for both students that might develop financial applications later in their career and also aid the faculty and staff to include the concepts of security in their teaching methodologies.

***Himanshu Sharma:** Hacking, unlike other jobs, is an art. It requires a different mindset and intelligence from the rest hence, there are just a few of them who really are capable of hacking. Himanshu Sharma is one of them. Aged just 23, Himanshu – popularly known as *hacker*, has already achieved fame for finding security loopholes and vulnerabilities in Apple, Google, Microsoft, Facebook, Adobe, Uber and many more with Hall of fame listings as proofs. He has gained worldwide recognition through his hacking skills and contribution to the hacking community. He has helped celebrities such as Harbhajan Singh in recovering their hacked accounts and also assisted an international singer to track down hacked account and recover it. He was a speaker at International conference Botconf'13 held in Nantes, France. He also spoke at IEEE Conference in California and Malaysia and TedX . Currently he is the founder of Bugsbounty.com, a crowd sourced security platform for ethical hackers and companies interested in cyber services. He is also authoring a book titled "Kali Linux Pentesting Cookbook" scheduled to publish in Q2, 2017.

****Ankush Johar:** Ankush Johar is a director in a venture firm and an investor in telecom, media, and technology companies. He holds an honors degree in economics and Masters from City University, London. He makes regular appearances in the media such as BBC, Sky News, CNBC etc on mobile and Internet related topics. He has done business with over 60% of all mobile operators in the world. He also served over 75 Telecom regulators and ministries on crucial telecom and Internet related issues