

Shahrooz Pouryousef

CONTACT INFORMATION

College of Information and Computer Science(CICS)
University of Massachusetts, Amherst
<https://people.cs.umass.edu/~shahrooz/>
shahrooz@cs.umass.edu

RESEARCH INTERESTS

- Distributed Systems
- Networking and Routing(BGP)
- Mobility
- Edge Computing
- Mobile Cloud systems
- Network Security and Internet Measurement

EDUCATION

University of Massachusetts,Amherst (UMass), MA. Sep. 2017 - present
Doctor of Philosophy (PhD), College of Information and Computer Science(CICS);
Supervisor: [Arun Venkataramani](#)

Sharif University of Technology (SUT), Tehran, Iran. Sep. 2013 - Sep. 2015
Master of Science(M.Sc.) with focus on computer security;
Supervisor: [Mehdi Kharrazi](#)

Shahid Madani University of Azarbaijan, Tabriz, Iran. Sep. 2009 - Sep. 2013
Bachelor of Science(B.Sc.),Information Technology
Supervisor: [Nasibeh Nasiri](#)

PUBLICATIONS

Journal Papers(Accepted/Submitted)

- **Sh. Pooryousef**“All your Droid are belong to Web: Analysis Security Sensitive APIs Usage in Hybrid Mobile Applications”, prepared for submission

Conference Papers(Accepted/Submitted)

- **Sh. Pouryousef**, H. Dadpoor, and K. Fouladi “Proposing a New Feature for Structure-Aware Analysis of Android Malwares”, Accepted in 14th International ISC Conference on Information Security and Cryptology (ISCISC), IEEE, December 2017.
- **Sh. Pouryousef**, and M. Amini. “Enhancing Accuracy of Android Malware Detection Using Intent Instrumentation”, Accepted in the 3rd International Conference on Information Systems Security and Privacy, Porto, Portugal, December 2016.
- **Sh. Pouryousef**, and M. Amini. “Fine-Grained Access Control for Hybrid Mobile Applications in Android using Restricted Paths”, Accepted in 13th International ISC Conference on Information Security and Cryptology (ISCISC), IEEE, November 2016.

TECHNICAL SKILLS

- Quagga Software Routing Suite
- Emulab - Network Emulation Testbed
- Elastic Compute Cloud (EC2)
- Proficient in various programming/scripting languages (C/C++, Python, Java, Bash)

- Network Security tools: tcpdump, iptables, Snort, Wireshark, Nmap and Hping2, and Acunintix.
- Data mining tools: Familiar with: Weka and R
- Advanced knowledge of TCP/IP networking, DNS, and web protocols, and client-side technologies (e.g., JavaScript, CSS, HTML5)
- L^AT_EX