Sanae Rosen — Curriculum Vitae

CONTACT INFORMATION

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Ann Arbor, MI 48105

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EDUCATION

University of Michigan
2011-present
PhD, Computer Science and Engineering (Software)
Cumulative GPA: 4.00

University of Toronto
2007-2011
BASc, Engineering Science (Major in Electrical and Computer Engineering)
Cumulative GPA: 3.75.

AWARDS

2014-2017 NSERC Post-Graduate Scholarship (D)

2014 Margaret Ayers Host Award for research

2012-2013 NSERC Post-Graduate Scholarship (M)

2012-2013 Rackham International Student Fellowship

2011 Orbis Prize in Software Design

2010 NSERC Undergraduate Student Research Award

PUBLICATIONS

Discovering Fine-grained RRC State Dynamics and Performance Impacts in Cellular Networks. Sanae Rosen, Haokun Luo, Qi Alfred Chen, Z. Morley Mao, Jie Hui, Aaron Drake, Kevin Lau. *MobiCom 2014.*

QoE Doctor: Diagnosing Mobile App QoE with Automated UI Control and Cross-layer Analysis Qi Alfred Chen, Haokun Luo, Sanae Rosen, Z. Morley Mao, Karthik Iyer, Jie Hui, Kranthi Sontieni, Kevin Lau. *IMC 2014.*

WMNet: Crowdsourcing Wireless Performance Measurements Through the Eyes of Mobile Devices. Sanae Rosen, Sung-Ju Lee, Jeongkeun Lee, Paul Congdon, Z. Morley Mao, Ken Burden. *COMMAG August 2014.*

AppProfiler: A Flexible Method of Exposing Privacy-Related Behavior in Android Applications to End Users. Sanae Rosen, Zhiyun Qian, and Z. Morley Mao. *CODASPY 2013.*

Workshops, Posters and Demos

Understanding RRC State Dynamics through Client Measurements with Mobilyzer Sanae Rosen, Haokun Luo, Qi Alfred Chen, Z. Morley Mao, Jie Hui, Aaron Drake, and Kevin Lau. *S3 workshop 2014*

Demo: Mapping Global Mobile Performance Trends with Mobilyzer and MobiPerf Sanae Rosen, Hongyi Yao, Ashkan Nikravesh, Yunhan Jia, David Choffnes, Z. Morley Mao *MobiSys 2014 (demo session)*

Measuring performance impacts of RRC state transitions in cellular networks with user devices Sanae Rosen, Haokun Luo, Alfred Chen, Z. Morley Mao, Jie Hui, Aaron Drake *AIMS 2014 (demo session)*

AppProfiler: A Flexible Method of Exposing Privacy-Related Behavior in Android Applications to End Users. Sanae Rosen, Zhiyun Qian, and Z. Morley Mao. *CODASPY 2013 (poster session) — best poster award*

Internships

06/2014 - 08/2014 Research Intern at AT&T research, Bedminster, NJ.

06/2013 - 08/2013 Research Intern at AT&T research, Florham Park, NJ.

06/2012 - 12/2012 Research Intern at HP Labs, Palo Alto CA.