

ALI RAZA

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Boston, MA, USA

EDUCATION

- | | |
|---------------------|---|
| Sep 2017 - Mar 2023 | Ph.D. Computer Science
BOSTON UNIVERSITY
Advisor: Prof. Orran Krieger |
| Sep 2014 - Jun 2016 | M.S. Computer Science
LAHORE UNIVERSITY OF MANAGEMENT SCIENCES, PAKISTAN
Advisor: Prof. Ihsan Ayyub Qazi |
| Sep 2008 - Jun 2012 | B.S. Electrical Engineering
LAHORE UNIVERSITY OF MANAGEMENT SCIENCES, PAKISTAN
Senior Year Project Supervisor: Prof. Sohaib Khan |

EXPERIENCE

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|---------------------|---|
| May 2018 - Aug 2022 | Research Intern
RED HAT, BOSTON |
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PUBLICATIONS

- **Unikernel Linux (UKL)**
Ali Raza, Thomas Unger, Matthew Boyd, Eric Munson, Parul Sohal, Ulrich Drepper, Richard Jones, Daniel Bristot de Oliveira, Larry Woodman, Renato Mancuso, Jonathan Appavoo, Orran Krieger
Eighteenth European Conference on Computer Systems (**EuroSys '23**), Rome, Italy
- **Unikernels: The Next Stage of Linux's Dominance**
Ali Raza, Parul Sohal, James Cadden, Jonathan Appavoo, Ulrich Drepper, Richard Jones, Orran Krieger, Renato Mancuso and Larry Woodman
Workshop on Hot Topics in Operating Systems (**HotOS '19**), Bertinoro, Italy, May 2019. [\[PDF\]](#)
- **Using SGX-Based Virtual Clones for IoT Security**
Rashid Tahir, Ali Raza, Fareed Zaffar, Faizan Ul Ghani, Mubeen Zulfiqar
2018 IEEE 17th International Symposium on Network Computing and Applications (**IEEE NCA**), Boston, MA, USA, Nov 2018. [\[PDF\]](#)
- **A Secure Cloud with Minimal Provider Trust**
Amin Mosayyebzadeh, Gerardo Ravago, Apoorve Mohan, Ali Raza, Sahil Tikale, Nabil Schear, Trammell Hudson, Jason Hennessey, Naved Ansari, Kyle Hogan, Charles Munson, Larry Rudolph, Gene Cooperman, Peter Desnoyers, Orran Krieger
10th USENIX Workshop on Hot Topics in Cloud Computing (**HotCloud 18**), Boston, MA, USA, July 2018. [\[PDF\]](#)
- **It's All in the Name: Why Some URLs are More Vulnerable to Typosquatting**
Rashid Tahir, Ali Raza, Faizan Ahmad, Jehangir Kazi, Fareed Zaffar, Chris Kanich, Matthew Caesar

IEEE International Conference on Computer Communications (**IEEE INFOCOM 2018**), Honolulu, Hawaii, USA, April 2018. [[PDF](#)]

- **An Anomaly Detection Fabric for Clouds Based on Collaborative VM Communities**
Rashid Tahir, Ali Raza, Mazhar Naqvi, Fareed Zaffar and Matthew Caesar
17th IEEE/ACM International Symposium on Cluster, Cloud and Grid Computing (**CCGrid**), Spain, May 2017. [[PDF](#)]

TALKS AND PRESENTATIONS

- DevConf.us 2021 [video](#)
- DevConf.us 2020 [video](#)
- Red Hat Research Day 2020 [video](#)
- DevConf.us 2019 [video](#)
- DevConf.us 2018 [video](#)