

# NOFEL YASEEN

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## EDUCATION

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**University of Pennsylvania** August 2017 - Present  
PhD in Computer and Information Science

**Lahore University of Management Sciences** August 2013 - May 2017  
Bachelors of Computer Science

## PUBLICATIONS

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**Nofel Yaseen**, Behnaz Arzani, Ryan Beckett, Selim Ciraci, Vincent Liu  
"Scalable Runtime Verification of Shardable Networked Systems" in *USENIX Symposium on Operating Systems Design and Implementation (OSDI) 2020*, Banff, Alberta, Canada **2020**

Jiaqi Gao, **Nofel Yaseen**, Robert MacDavid, Felipe Vieira Frujeri, Vincent Liu, Ricardo Bianchini, Ramaswamy Aditya, Xiaohang Wang, Henry Lee, David Maltz, Minlan Yu, Behnaz Arzani "Scouts: Improving the Diagnosis Process Through Domain-Customized Incident Routing" in *Proceedings of ACM SIGCOMM 2020*, New York City, New York, USA. **2020**

**Nofel Yaseen**, John Sonchack, Vincent Liu "tpprof: A Network Traffic Pattern Profiler" in *USENIX Symposium on Networked Systems Design and Implementation (NSDI) 2020*, Santa Clara, CA, USA. **2020**

**Nofel Yaseen**, John Sonchack, Vincent Liu "Synchronizing Network Snapshots" in *Proceedings of ACM SIGCOMM 2018*, Budapest, Hungary. **2018**

Kamran Nishat, Farrukh Javed, Saim Salman, **Nofel Yaseen**, Ans Fida, Ihsan Qazi "SlickFi: A Service Differentiation Scheme for High-Speed WLANs using Dual Radio APs" in *Proceedings of ACM CoNEXT 2016*, Irvine, CA, USA. **2016**

## RESEARCH EXPERIENCE

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**University of Pennsylvania** August 2017 - Present  
*Graduate Research Assistant*  
Conduct research with Vincent Liu to measure and understand large and fast networks using programmable switches. We designed a monitoring tool and visualization to understand network traffic patterns.

**Microsoft Research** October 2018 - June 2020  
*Contractor and Internship*  
Conduct research with Behnaz Arzani on routing incident routing and distributed middlebox verification.

**Lahore University of Management Sciences** June 2015 - May 2017  
*Undergraduate Research Assistant*  
Research with Ihsan Qazi and Fareed Zaffar on wireless networks, reducing latency in onion routing, and virtual network migration for cloud security.

## TEACHING EXPERIENCE

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Teaching Assistant, Internet and Web Systems University of Pennsylvania, Department of Computer and Information Science.	<b>Spring 2020</b>
Teaching Assistant, Networked Systems University of Pennsylvania, Department of Computer and Information Science.	<b>Spring 2019</b>
Teaching Assistant, Network Centric Programming Lahore University of Management Sciences, Department of Computer Science.	<b>Spring 2017</b>
Teaching Assistant, Introduction to Artificial Intelligence Lahore University of Management Sciences, Department of Computer Science.	<b>Fall 2016</b>
Teaching Assistant, Data Structures Lahore University of Management Sciences, Department of Computer Science.	<b>Spring 2016</b>

## ADDITIONAL EXPERIENCE AND AWARDS

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Deans Honor List for excellent academic Performance at Lahore University of Management Sciences	<b>2013 - 2017</b>
Ericsson ICT Professional Development Program which focuses on innovative technologies and emerging communication trends to bridge the gap between academia and ICT industry.	<b>2015</b>
Scholarship at Beaconhouse School System for Exceptional Academic Performance to study for Advance levels.	<b>2011 - 2013</b>

## TECHNICAL SKILLS

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- P4, Java, C++, Python
- MATLAB, Rails, Network Simulator (NS2), Emulab
- Windows, Linux, Mac