MIR MASOOD ALI

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EDUCATION

PhD in Computer Science *January 2020 - Present*
University of Illinois at Chicago
Advisors: Chris Kanich and Jason Polakis

Master of Computer Science *January 2018 - August 2019*
Dalhousie University, Halifax, Canada
Thesis: Coercion Resistant Verifiable Web-based Elections in Linear Time
Supervisor: Srinivas Sampalli

Bachelor of Computer Science and Engineering *July 2013 - June 2017*
Visvesvaraya Technological University, India

PUBLICATIONS

Navigating Murky Waters: Automated Browser Feature Testing for Uncovering Tracking Vectors, **Mir Masood Ali**, Binoy Chitale, Mohammad Ghasemisharif, Chris Kanich, Nick Nikiforakis, Jason Polakis, In Proceedings of the Network and Distributed System Security Symposium (NDSS), February 2023, San Diego, CA.

TEACHING EXPERIENCE

Teaching Assistant - Program Design II *January 2020 - April 2020*
University of Illinois at Chicago, IL, USA
Terms: Spring 2020
Instructor: Dr. Dale Reed
Language: C++
A TA for this course manages and runs labs, holds office hours for assignments, gives presentations on data structures to groups of 20-30 students at a time

Head Teaching Assistant - Software Engineering *January 2018 - August 2019*
Dalhousie University, Halifax, Canada
Terms: Winter 2018, Summer 2018, Winter 2019, Summer 2019
Instructor: Juliano Franz
Tools: Android Studio, Firestore (W'19 and S'19: Firebase), CI (Circle and Gitlab), Version Control (GitHub and GitLab), Testing (JUnit, Espresso, Robolectric)
Methodology: Agile, XP, TDD
A Head TA for this course is required to manage and run labs. This includes giving presentations and guiding students through the course project and assignments. TA's are responsible for managing and organizing the tasks of between 3 and 5 groups of 8 members each, besides serving as clients, planning iterations, and developing acceptance tests.

Head Teaching Assistant - Network Security *January 2019 - April 2019*
Dalhousie University, Halifax, Canada
Terms: Winter 2019
Instructor: Dr. Srinivas Sampalli
Tools: Wireshark, dig, nslookup, Nessus, Maltego

Programming Languages: Java, Python, C, C++

A Head TA for this course is required to manage and run labs. This includes giving presentations and guiding students through the course project and assignments. Managing the learning management system (Brightspace), marking assignments, creating and distributing rubrics and sample solutions are included. A TA for this course also assists with proctoring examinations.

Teaching Assistant - Data Structures and Algorithms *September 2018 December 2018*
Dalhousie University, Halifax, Canada
Terms: Fall 2018
Instructor: Dr. Srinivas Sampalli
Tools: Eclipse (for Java and Maven)
A TA for this course is required to manage and run labs. This includes giving presentations and guiding students through course assignments. There is additionally an evaluation of project presentations and invigilation besides marking.

SERVICE

Bug Reports	20 cache-based tracking vulnerabilities to 7 browser vendors
Reviewer	ACM TWEB (Publons)
Social Media Chair	MD4SG, ACM EAAMO 2021 & 2022
Mentoring	2 high-school students with their AP-research through ISTI
Member	Computer Society of India (2013-2017)