

MR. MUHAMMAD SHAFAYAT OSHMAN [MUO]

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Biography

Muhammad Shafayat Oshman is currently working as a Lecturer at North South University. He previously worked with Ericsson Canada on research focused on Security Metrics for 5G/NFV environment. He completed his Bachelor's from North South University with a degree in Computer Science with distinction and completed his Master's in Computer Science (MCS) from Carleton University. His research interests are Computer Networks, Data Communications, Computer/Cloud Security. His current researches include analyzing security metrics and 5G Communications.

Research Areas

- Cloud Computing and Distributed Systems

- Data Networking and Information Security
- Software Engineering

Research Interests

Computer Networks, Data Communications, Computer/Cloud Security, Software Security

Teaching

- CSE 215 Programming Language II
- CSE 215L Programming Language II Lab
- CSE 225 Data Structures and Algorithms
- CSE 225L Data Structures and Algorithms Lab
- CSE 299 Junior Design Course
- CSE 373 Design and Analysis of Algorithms
- CSE 325/CSE 425 Concepts of Programming Language
- CSE 493 Special Topics
- CSE 498/EEE 498/ETE 498 Internship/Co-op/Directed Research

Selected Publications

Conference Papers

- Asif Ahmed Nelay, Muhammad Shafayat Oshman, Md. Monzurul Islam, Md. Julhas Hossain, Zunayed Bin Zahir , “Content-Based Health Recommender System for ICU Patient,” MIWAI 2019: Multi-disciplinary Trends in Artificial Intelligence, 2019
- Lianying Zhao, Muhammad Shafayat Oshman, Mengyuan Zhang, Fereydoun Farrahi Moghaddam, Shubham Chander, Makan Pourzandi, “Towards 5G-ready Security Metrics,” ICC 2021 – IEEE International Conference on Communications, 2021
- Labiba Binte Ismail, Mahira Ibnath Joytu, Tasnim Islam Plabon, Muhammad Shafayat Oshman, “Evaluation of Machine Learning Models to Forecast Inflation: Bangladesh as a Case Study,” 2023 International Symposium on Networks, Computers and Communications (ISNCC), 2023
- Sara Fariha Shanchary, Md Naved Meraz, Ayman Ibne Hakim, Chowdhury Nafis Faiyaz, Muhammad Shafayat Oshman, “Investigating the Factors Affecting Risky Levels of Alcohol Consumption among Students Using Machine Learning Approach,” 2024 6th

Asia Conference on Machine Learning and Computing (ACMLC 2024), 2024