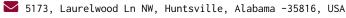
Mohammad Raihan Uddin

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Employment History

- January, 2024 · · · ·
- Graduate Teaching Assistant, ECE, The University of Alabama in Huntsville.
- May, 2019 November, 2023
- IT System Engineer, Pridesys IT Ltd.
- April, 2017 June, 2019
- Assistant IT System Engineer, Pridesys IT Ltd.

Education

- Spring, 2024 ...
- M.Sc in Computer Engineering, The University of Alabama in Huntsville, Al,
- 2013 2017
- B.Sc in Electronics & Telecommunication Engineering, Daffodil International University, Dhaka, Bangladesh.
- 2010 2012
- HSC, Rajarbag Police Lines School & College, Dhaka, Bangladesh.
- 2005 2010
- SSC, Dulalpur CM High School, Dhaka, Bangladesh.

Awards

- 2024
- Boeing Engineering Annual Scholarship.
- 2015
- **1st Runner-up**, NET-WAR at Teleco Warfare.

Research Interest

ML, AI, Wireless Communication, and Privacy & Security

Research Publications

Conference Proceedings

- M. Arefin, M. Uddin, N. A. Evan, M. R. Alam, et al., "Enterprise network: Security enhancement and policy management using next-generation firewall (ngfw)," in Computer Networks, Big Data and IoT, Springer, 2021, pp. 753-769.
- M. Uddin, N. A. Evan, M. R. Alam, M. Arefin, et al., "Analysis of generic routing encapsulation (gre) over ip security (ipsec) vpn tunneling in ipv6 network," in International Conference on Ubiquitous Communications and Network Computing, Springer, 2021, pp. 3-15.
- S. K. Dey, R. Uddin, M. Rahman, et al., "Performance analysis of sdn-based intrusion detection model with feature selection approach," in Proceedings of international joint conference on computational intelligence, Springer, 2020, pp. 483-494.
- N. F. Firoz, M. Arefin, M. Uddin, et al., "Performance optimization of layered signature based intrusion detection system using snort," in International Conference on Cyber Security and Computer Science, Springer, 2020, pp. 14-27.

- M. R. Uddin, K. M. Kabir, and M. T. Arefin, "Artificial neural network inducement for enhancement of cloud computing security," in 2019 1st International Conference on Advances in Science, Engineering and Robotics Technology (ICASERT), IEEE, 2019, pp. 1–6.
- S. K. Dey and M. M. a. U. M. R. Rahman, "Detection of flow based anomaly in openflow controller: Machine learning approach in software defined networking," in 2018 4th International Conference on Electrical Engineering and Information & Communication Technology (iCEEiCT), IEEE, 2018, pp. 416–421.
- S. K. Dey, M. R. Uddin, K. M. Kabir, and M. M. Rahman, "Enhancing the security of cloud computing: Genetic algorithm and qr code approach," in 2017 4th International Conference on Advances in Electrical Engineering (ICAEE), IEEE, 2017, pp. 181–186.
- M. R. Uddin, K. M. Kabir, and M. M. Hasan, "Data security throws image processing by blowfish algorithm, genetic algorithm and lsb," 1, vol. 148, Foundation of Computer Science, 2016.

Under Review

- M. R. Uddin, D. C. Nguyen, (2024). False Data Injection Attack Detection in Edge-based Smart Metering Networks with Federated Learning. IEEE Consumer Communications & Networking Conference.
- M. R. Uddin, D. C. Nguyen, (2024). Unmanned Aerial Vehicles (UAVs): A State of the Art Survey. IEEE Communications Surveys & Tutorials.

Skills

Languages 📕 English, Bangla.

Coding MATLAB, C, Python, Scripting LaTeX,

Technical CCNA, RedHat, AWS, Docker, Kubernetes, Mysql.

Governance Leadership, Lobbying, Strategic Planning, Communication, Negotiation, Public Speaking, and Diplomacy.

Misc. Academic research, teaching, training, consultation, LTFX typesetting, and publishing.

Miscellaneous Experience

Certification

2019 Red Hat Certified System Administrator (RHCSA). Awarded by Red Hat.

Courses and Training

2016 Cisco Certified Network Administration.

2018 Red Hat Certified System Administrator (RHCSA).

2019 Red Hat Certified Engineer (RHCE).

2020 Docker Certified Associate (DCA).

AWS Certified Solutions Architect Associate.

2022 Certified Kubernetes Administrator (CKA).

Professional Membership

- Secretary, UAH Graduate Student Association.
- President, UAH Bangladeshi Student Association.
- Graduate Student Member, IEEE.

Miscellaneous Experience (continued)

- Graduate Student Member, IEEE Communication Society.
- Graduate Student Member, IEEE computer Society.
- **Student Member, Internet Society.**
- President, House of Youth Dialogue-HYD.
- Life Member, Institute of Engineers Bangladesh (IEB).

Extracurricular Activities

- Head Organizer, TEDxUA Huntsville 2024.
- Convener, House of Youth Dialogue Model United Nations 2023.
- Secretary General, Bangabandhu Model United Nations 2023.
- Convener, House of Youth Dialogue General Assembly 2023.
- Deputy Secretary General, Bangabandhu Model United Nations 2022.
- Convener, Sustainable Development Goals Model United Nations 2022.
- Director General, House of Youth Dialogue Model United Nations 2021.
- Convener, House of Youth Dialogue Entrepreneurs' Hive 2021.
- Convener, League of Regime Diplomacy Model United Nations 2020 (LORDMUN IV).
- Convener, House of Youth Dialogue Model United Nations 2019.
- USG, Sustainable Development Goals Model United Nations 2019.
- Co-Founder of "Toru Chaya" (an organization for Rural Child).
- Theater Stage performer, Nagorik Nattaya Samproday.
- Cycling.
- Acoustic Guitarist.
- Photography.
- **YouTube Contain Creator.**

References

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