

## S. M. Zia Ur Rashid

Address: Chandgaon R/A, Block-B, Road-#13, House-#309, Chittagong 4212, Bangladesh

E-mail: smziaurrashid@gmail.com, ziaur@ieee.org, ziaur@iiuc.ac.bd

Phone: +8801852575265, +8801317691125

Web: ziaurrashid.com | LinkedIn: <https://www.linkedin.com/in/ziaurrashid>

---

### EDUCATION

#### Rochester Institute of Technology

*Micromasters, Cybersecurity*

EDx/RITx (United States)

2019 - Present

#### International Islamic University Chittagong (IIUC)

*B.Sc., Electrical & Electronic Engineering*

*CGPA: 3.33/4.0*

*Thesis: Industrial Control Systems Security: An in-depth Analysis with Honeypot*

Chittagong, Bangladesh

2015 - 2019

### EXPERIENCES

#### Cyber Security R&D Engineer

*Pentesterspace Limited ([www.pentesterspace.com](http://www.pentesterspace.com))*

October, 2019 - Present

Dhaka, Bangladesh

#### Teaching Assistant

*Cybrary Inc. ([www.cybrary.it](http://www.cybrary.it))*

June, 2019 - Present

Maryland, United States

#### Ethical Hacker/Penetration Tester

*Hackerone Inc. ([www.hackerone.com](http://www.hackerone.com))*

February, 2017 - Present

San Francisco, United States

### CERTIFICATIONS

#### CompTIA Pentest+ CE Certified

*Credential ID: COMP001021304842*

August, 2019 - August, 2022

### PUBLICATIONS (IEEE XPLORE)

[1] S. M. Z. U. Rashid, Jalal Uddin, Ariful Islam, "Know Your Enemy: Analysing Cyber-threats Against Industrial Control Systems Using Honeypot," 2019 IEEE International Conference on Robotics, Automation, Artificial-intelligence and Internet-of-Things (RAAICON) [In Press].

[2] S. M. Z. U. Rashid, M. I. Kamrul and A. Islam, "Understanding the Security Threats of Esoteric Subdomain Takeover and Prevention Scheme," 2019 International Conference on Electrical, Computer and Communication Engineering (ECCE); DOI: 10.1109/ECACE.2019.8679122

[3] A. Alam, H. Islam, M. T. Islam, S. M. Z. U. Rashid, M. J. Hossen and M. S. Mahmud, "CPG-Based Industrial Manipulators on AVR System for PTP Applications," 2019 International Conference on Electrical, Computer and Communication Engineering (ECCE), pp. 1-6. DOI: 10.1109/ECACE.2019.8679138

[4] Md Jamshed Alam, M. I. Kamrul, S. M. Zia Ur Rashid and S. Z. Rashid. "An Expert System Based on Belief Rule to Assess Bank Surveillance Security," 2018 International Conference on Innovations in Science, Engineering and Technology (ICISSET), pp. 451-454; DOI: 10.1109/ICISSET.2018.8745647

[5] A. Alam, S. M. Zia Ur Rashid, Md. Abdus Salam and Ariful Islam. "Towards Blockchain-based E-voting System," 2018 International Conference on Innovations in Science, Engineering and Technology (ICISSET), pp. 351-354; DOI: 10.1109/ICISSET.2018.8745613

### HONORS AND ACHIEVEMENTS

- Received award & tuition fee waived for outstanding result (GPA: 3.95) in Autumn '18 Sept., 2019
- Honorable mention in Cyber Life Podcast Special Episode 2 Aug., 2019
- Champion (Team), Software Development Competition, Tech Fest 2017, IIUC Dec., 2017

## CYBER SECURITY ACTIVITIES

### Hall of Fame/Acknowledgment

- Microsoft
- U.S. Dept. of Defense
- Nokia
- Adobe
- Uber
- University of Twente
- Netgear
- Atlassian
- Intel
- CompTIA
- Github
- Distilled and so forth

### Common Vulnerabilities and Exposures (CVE) Assigned

- CVE-2019-11196
- CVE-2018-16971
- CVE-2018-16970
- CVE-2018-16606

## TRAINING AND COURSES

- Software Security by University of Maryland, College Park on Coursera
- Cryptography I by Stanford University on Coursera
- CYBER501x: Cybersecurity Fundamentals (Rochester Institute of Technology, edX)
- CYBER504x: Network Security (Rochester Institute of Technology, edX)
- AWS Cloud Practitioner Essentials: Cloud Concepts
- AWS Cloud Practitioner Essentials: Core Services
- 7-days Industrial Training at Eastern Cables Limited
- Microcontroller & Robotics Fundamental Course at Deshikarigor Research & Training Circle
- Two-days Long Workshop on Industrial Automation Organized by IEEE IIUC SB

## LEADERSHIP AND VOLUNTEER ACTIVITIES

- *Webmaster, IEEE Bangladesh Section Student Activities Committee, 2018*
- *Webmaster, IEEE IIUC Student Branch Executive Committee, 2018*
- *Ambassador, IEEEEXTreme Programming Competition 12.0, 2018*
- *Student Ambassador, IEEE madC (Mobile Applications Development Contest), 2018*
- *Volunteer, International Conference on Innovations in Science, Engineering and Technology, 2018*
- *Organizing Secretary (Student), ICISSET Inter University Poster Presentation Competition, 2018*
- *Class Representative & Executive Member, EEE Club (IIUC), Oct. 2015 – April 2016*

## ORGANIZATIONS AND AFFILIATIONS

National Cybersecurity Student Association (US), Student Member (#111363026)	2018 – Present
CompTIA AITP, IT Professional Member (#887311)	2018 – Present
IEEE, Student Member (#93889420)	2016 – Present
IEEE Computer Society, Student Member (#93889420)	2016 – Present

## TECHNICAL COMPETENCIES

- **Software & Tools:** LaTeX, Matlab, Nmap, Burp Suite, Metasploit, Pentestbox etc.
- **Programming Skills:** C, Python
- **Platforms:** Linux, Windows

## REFEREES

**Muhammad Athar Uddin**  
Associate Professor, Dept. of EEE  
International Islamic University Chittagong  
E-mail: mau\_iiuc@yahoo.com

**Dr. Mohammad Shamimul Haque Choudhury**  
Associate Professor & Chairman, Dept. of EEE  
International Islamic University Chittagong  
E-mail: shamimul129@gmail.com