



# Romana Mahjabin Eshita

Date of birth: 25/07/1997 | **Nationality:** Bangladeshi | **Gender:** Female |

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30/1 BoroBazar, Amberkhana, Sylhet, Bangladesh

## WORK EXPERIENCE

01/2022 – CURRENT

**RESEARCH ASSISTANT – E-KYC AND BLOCKCHAIN PROJECT**

- ◇ Working on a Blockchain Empowered e-KYC and Reputation System
- ◇ Conducting research on Verifiable credentials

03/2020 – 03/2021 – Sylhet, Bangladesh

**RESEARCH ASSISTANT – SUBSEL (SHAHJALAL UNIVERSITY BLOCKCHAIN AND SECURITY LABORATORY)**

- ◇ Developed a Blockchain-based dynamic identity federation
- ◇ Modified the SimpleSAMLphp to allow parties to join the federation in real-time.
- ◇ Used Hyperledger-fabric for Blockchain part.

[www.subsel.org](http://www.subsel.org)

## EDUCATION AND TRAINING

25/01/2016 – 11/11/2019 – Kumargaon, Sylhet, Bangladesh

**BSC. (ENGINEERING) IN COMPUTER SCIENCE – Shahjalal University Of Science And Technology**

CGPA: 3.19/4.00 | <https://www.sust.edu/>

## PUBLICATIONS

**Dynamic Management of Identity Federations using Blockchain**

I Alom, **RM Eshita**, Al Harun, MS Ferdous, MKB Shuhan, MJM Chowdhury, "[Dynamic Management of Identity Federations using Blockchain](#)," 2021 IEEE International Conference on Blockchain and Cryptocurrency (ICBC), 2021, pp. 1-9, doi: 10.1109/ICBC51069.2021.9461128.

## PROJECTS

**RESEARCH PROJECTS**

♣ **A Web of Trust Model and its Application Leveraging Blockchain Technology**

- ◇ Proposed a transaction-based verification process using both private and public blockchains.
- ◇ A trust score algorithm has been designed based on the verification process.
- ◇ Developed a peer-to-peer lending web application that uses the proposed trust score system.

## ACADEMIC PROJECTS

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### ♣ **Vote | Nodejs API, Hyperledger-fabric, Go, Bootstrap**

◇ A decentralized, scalable, and secure blockchain-based E-Voting web application that included all of the standard system features.

### ♣ **Magic Remote | Java, Android**

◇ A Bluetooth-enabled software to control laptop or desktop computers remotely from a mobile device.

## ● **HONOURS AND AWARDS**

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### **Shahjalal University of Science and Technology Annual Sports Scholarship – Shahjalal University of Science and Technology**

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Every year, the Office of Physical Education at Shahjalal University of Science and Technology awards this scholarship to the top ten student players, and I received it in 2019.

### **Education Board Scholarship – Board of Intermediate & Secondary Education, Sylhet**

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The Bangladesh Education Board awards this scholarship to students who excel in the Higher Secondary Certificate Examination and provides a stipend for four years of undergraduate study.

## ● **JOB RELATED SKILLS**

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### **Skills**

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♣ **Language:** Go, C/C++, Java, Python, JavaScript, HTML/CSS

♣ **Frameworks:** React, Material-U

♣ **Developer Tools:** Git, Docker, AWS

♣ **Libraries:** Matplotlib, NumPy, Scikit Learn

## ● **ORGANISATIONAL SKILLS**

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### **IEEE SUST Student Branch**

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**Chair**, WIE Affinity Group 2019-2020

### **IEEE Computer Society SUST Chapter**

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**Vice-Chair** 2019-2020

● **LANGUAGE SKILLS**

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Mother tongue(s): **BENGALI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	B2	B2	B2	B2

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*