



## REHNUMA REZA DEEPTY

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### ACADEMIC DETAILS

Examination	University/School/College	Department	Year	GPA/CGPA
Graduation	Jahangirnagar University	Computer Science & Engineering	2019	3.69 (out of 4.00)
HSC	Viqarunnisa Noon College	Science	2014	5.00 (out of 5.00)
SSC	Viqarunnisa Noon School	Science	2012	5.00 (out of 5.00)

### FIELDS OF INTEREST

- Internet of Things (IoT) , Wireless Communication, Web Application

### TECHNICAL SKILLS

- Framework** (Java-Spring Boot) **Languages** ( Java, HTML/CSS ), **Database** (MySQL) **Script** (Python, Javascript), **Tools** (Eclipse, Netbeans, WAMP server, MATLAB, ,Microwind, Arduino, Android Studio, Blender, Edraw, Dhch2, Codeblocks, Weka, Cisco packet Tracer, VHDC , $\text{\LaTeX}$ ).

### MAJOR PROJECTS

- IoT and WiFi-Based Door Access Control System using Mobile Application** (Graduation Project)  
(Guide: Dr. Md Ezharul Islam , February'19-November'19)  
**Abstract:** The project was focused on the concept of making the smart phone itself the "key" of the door lock. Taking the advantage of biometric features of smartphone and the IMEI, which is the unique number for each smart device, the smart access system was established to ease and secure home access. Firebase as a cloud storage platform, Raspberry pi 3 model B+ using Python and Java as programming languages.
- The Personal Diary-Web Application using Spring boot Framework**  
(June'20 -July 2020)  
**Abstract:** The Project is developed using Spring boot security, MySQL, JPA-Hibernate, JSP. It is also implemented using the REST API.
- E-content on Engineering Drawing**  
(June'19 - August'19)  
**Abstract:** A small project on Engineering Drawing using HTML/CSS, Javascript and other multimedia modules.
- Android App for an technology Assistant**  
(March'18 - May'18)  
**Abstract:** The project was motivated to provide a simple directory for providing new additions to the technology system. It was developed using Android Studio and **Firestore** as a cloud storage platform.
- Online Shopping Application using Java**  
(Jan'17 - Aug'17)  
**Abstract:** The project was focused on making shopping online easy using desktop application. The project was developed using Eclipse, Wamp server, MySQL and Java as programming language.

### Repositories and others

- GitHub: <https://github.com/Deepty11>

- LinkedIn: <https://www.linkedin.com/in/rehnuma-reza-deepty-0b54a0124/>

## PUBLICATIONS

- Paper Title: IoT and Wi-Fi based Door Access Control System using Mobile Application  
Conference Title: 2019 IEEE International Conference on Robotics, Automation, Artificial-Intelligence and Internet of Things (RAAICON)  
29 November – 1 December, 2019 Fars Hotel and Resorts, Dhaka, Bangladesh  
Paper Id:09  
Conference ID: 48939

## STRENGTHS

- Positive Attitude, Social Interaction, Hardworking, Quick-learner, Presentation skill, Punctual, Responsible, Trustworthy, Compatible with team work.

## ACHIEVEMENTS & PARTICIPATION

- Participated in **Bracathon 3.0** arranged in 2019 on solving Challenge 2: Automation of student's information collection from BRAC schools.
- Received certificate for workshops on Computer Hardware arranged by Jahangirnagar University Computer Club
- Awarded Certificate for successful completion on course in British council.
- Awarded for volunteering in debating fest arranged by Viqarunnisa Debating club (VDC)
- Awarded certificate for book reading competition arranged by Bishwa Shahitto kendro.
- Awarded and received certificate for singing Competition arranged by Najrul Institute

## CO-CURRICULUM ACTIVITIES

- Participated in digital Expo 2018 for the project on "Women Safety Using Mobile App" as a member of departmental project.
- Did volunteering activity in Jahangirnagar University Information and technology society (JUIITS)
- Did volunteering in debating fest arranged by Viqarunnisa Debating Club
- Received certificate on singing completion in Benuka Lalitokola kendro.
- Received certificate in Science Fair at Mohammadpur Preparatory Higher Secondary Girls' School.
- Received certificate on annual cultural competition in Mohammadpur Preparatory higher Secondary School

## INTEREST AND HOBBIES

- Singing, Listening to music, Reading books, Working hard, Watching movies and TV series, Walking, Going on Tour, Taking Photos.

## REFERENCE

- **Dr. Mohammad Shorif Uddin**  
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Department of Computer Science & Engineering  
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Jahangirnagar University
- **Dr. Md Ezharul Islam**  
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