

# MD. MAHMUDUR RAHMAN

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## EXPERIENCE

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### Lecturer, Department of IT

January 2019 - Present

*University of Information Technology and Sciences (UITS), Baridhara, Dhaka*

- Conduct classes, labs, evaluate students' lab works, assignment, mid-term and final answer scripts.
- Assist in research activities and research students.
- Prepare teaching plans and teaching materials.

### Lecturer, Department of CSE

January 2018 - January 2019

*University of South Asia, Banani, Dhaka*

- Perform the responsibilities of Course Coordinator
- Conduct classes, labs, evaluate students' lab works, assignment, mid-term and final answer scripts.
- Assist in research activities and research students.

### Web Developer, Intern

February, 2017 - April 2017

*NextDot Bangladesh*

- Designing, coding and modifying websites, from layout to function and according to a client's specifications.
- Strive to create visually appealing sites that feature user-friendly design and clear navigation.

## EDUCATION

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### Master of Science(M.Sc.)

2017

Institute of Information Technology

CGPA: 3.88/4.00

Jahangirnagar University

Position : 1st

### Bachelor of Science(B.Sc.)

2013-2016

Institute of Information Technology

CGPA: 3.84/4.00

Jahangirnagar University

Position : 1st

### Higher Secondary Certificate(HSC)

2011

Rajshahi Cadet College

GPA: 5.00/5.00

Science Group

### Secondary School Certificate(SSC)

2009

Rajshahi Cadet College

GPA: 5.00/5.00

Science Group

## RESEARCH PUBLICATION

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1. **MD. Mahmudur Rahman**, Shanto Roy, and Mohammad Abu Yousuf. "DDoS Mitigation and Intrusion Prevention in Content Delivery Networks using Distributed Virtual Honeypots." 2019 1st International Conference on Advances in Science, Engineering and Robotics Technology (ICASERT), 2019. <https://doi.org/10.1109/icasert.2019.8934572>

2. Munira Akter Lata, **MD. Mahmudur Rahman**, Mohammad Abu Yousuf, Md. Ibrahim Al Ananya, Devzani Roy, and Alvi Mahadi. "Development of an Empirical Model to Assess Attention Level and Control Drivers Attention." International Journal of Computer Science, Engineering and Information Technology 8, no. 1 (2018): 13–26. <https://doi.org/10.5121/ijcseit.2018.8102>

## RESEARCH INTERESTS

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- Network Security
- Cloud Computing
- Software Engineering & Security

## ENGLISH PROFICIENCY TEST

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**Test of English as a Foreign Language (TOEFL) IBT**

4 January 2020

Total: 85; Reading:19; Speaking: 21; Listening: 23; Writing: 22

## TECHNICAL STRENGTHS

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<b>Computer Languages</b>	C, C++, C#,JAVA
<b>Web technology</b>	HTML,CSS,JavaScript,SaaS,Bootstrap,WordPress,Php, Mysql
<b>Networking</b>	Packet Tracer
<b>Server</b>	Redhat
<b>Software</b>	Microsoft Visual Studio

## UNDERGRADUATE PROJECTS

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- **Super Shop Management System (Desktop App)**
  - C# Windows Forms, MySQL
  - Managing Inventory, Sale product, Manage salesman & employee, Report generation.
- **Madrasa Management System**
  - Developed the backend using ASP.NET
  - Designed database using MySQL

## ACADEMIC ACHIEVEMENTS

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**NST Fellowship** 2018-2019 for MSC Thesis. [Ministry of Science and Technology, Bangladesh]

**University Merit Scholarship:** Each year of Undergraduate Level, Jahangirnagar University, Dhaka, Bangladesh

**Education Board Scholarship:** Secondary School Certificate Exam 2009, Rajshahi, Bangladesh

## ONLINE PROGRAMMING PLATFORM

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**UVA Online Judge:** Solved 72 problem  
<http://uhunt.onlinejudge.org/id/150173>

## PARTICIPATION

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- October 2016**      **Software Testing Quality Assurance Training-ICT Division, Bangladesh**
  - Learned about Selenium IDE and Automation
- August 2016**              **E-Service Design and Implementation-Access to Information(a2i)**
  - Served as a Technical Trainer to design and implement e-Service
- April 2016**                              **National Hackathon-ICT Division, Bangladesh**
  - Participated and developed idea for application to minimize social problem.

## PROFESSIONAL TRAINING

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### **Cisco Certified Network Associate (CCNA)**

*New Horizons Dhaka*

2015

*Dhanmondi, Dhaka*

- OSI and TCP/IP Layer, Design
- Subnet Masks, IP Addresses
- HTTP, Domain Name System (DNS)
- DHCP, EIGRP, OSPF
- VLAN, VTP
- InterVlan, ACL, NAT.

### **Red Hat Certified Engineer (RHCE)**

*NeoTRIX*

2016

*Mirpur, Dhaka*

- Accessing the Command Line
- Configure local storage, Create and configure file systems
- Manage users and groups, Manage security
- Controlling Access to Files with Access Control Lists
- Adding Disks, Partitions and File Systems to a Linux System
- HTTP/HTTPS, DNS server, SMTP, NFS, SMB

## REFERENCES

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### **Dr. Mohammad Abu Yousuf**

Professor, Institute of Information Technology  
Jahangirnagar University,  
Savar, Dhaka

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### **Md. Al Shayokh**

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