Ashim Saha

Home : Dhaka, Bangladesh

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Gender: Male   **Date of birth:** 22 Mar 2000   **Nationality:** Bangladeshi

WORK EXPERIENCE

[Jul 2022 – Current]

Research Assistant

Department of Computer Science & Engineering, IUB

Exploit different SDN based controllers using Mininet and OMNET++ simulator. Implement SDN based network prototype.

[May 2022 – Dec 2022]

Student on Duty

Department of Computer Science & Engineering, IUB

- assist students in algorithm course
- check programming assignments of students

[Jan 2022 – May 2022]

Student on Duty

Department of Environmental Science and Management, IUB

- assist students at the GIS lab
- manage departmental work

EDUCATION AND TRAINING

[2020 – Current]

BSc. in Computer Science and Engineering

Independent University, Bangladesh

City: Dhaka
Country: Bangladesh
- Major in Computer Science and Engineering
- Minor in Management Information System

[2016 – 2018]

Higher Secondary Certificate

BIR SHRESHTHA MUNSHI ABDUR ROUF PUBLIC COLLEGE

City: Dhaka
Country: Bangladesh

Secondary School Certificate

Kishori Lal Jubilee School & College

City: Dhaka
Country: Bangladesh

PUBLICATIONS

[2023] **IoT based fruit quality inspection and lifespan detection system [Accepted]**

[2023]

Exploring Federated Learning: The Framework, Applications, Security & Privacy [Under review]

HONOURS AND AWARDS

Winner in Microprocessor project showcase, Intra IUB TechFest Spring 2023
Awarding institution: Independent University, Bangladesh

2nd Runners up in Maze solving robot, Intra IUB TechFest Autumn 2022 **Awarding institution:** Independent University, Bangladesh

LANGUAGE SKILLS

Mother tongue(s): Bangla

Other language(s): English , Elementary French

VOLUNTEERING

[Oct 2022] **JAVA-based programming problem solving session** ARCED Foundation

session co-hosted by University of California, San Diego

DIGITAL SKILLS

Microsoft Office | Social Media | Microsoft Powerpoint