



Md Al Amin Hossain

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ABOUT ME

I am a student of information technology engineering looking for a challenging position or internship where I will have the scope to utilize my potential and adaptability, to get experience and skills to do something innovative, and from which I will be able to enhance my knowledge.

EDUCATION AND TRAINING

20/09/2022 – 30/05/2024 Konya, Türkiye

MASTERS OF SCIENCE (M.SC.) Selcuk University

In this coursework stage, I learned about several topics, including Scientific Research Techniques and Publication Ethics, Metaheuristic Optimization Techniques, Blockchain and Cryptographic Technologies, Data Analysis and Python Programming, Virtual Reality, and Green IT.

Website <https://selcuk.edu.tr/> | **Field of study** Information Technology Engineering | **Final grade** 3.82 out of 4 (95.71%) |

Thesis The Integration Strategies of Levy Flight into Metaheuristic Algorithms: A Study on Siberian Tiger Optimization Algorithm

22/01/2016 – 15/11/2020 Kushtia, Bangladesh

BACHELOR OF SCIENCE (B.SC.) Islamic University

This field of study covered various topics of ICT, namely Operating Systems, Data Structure and Algorithm, Artificial Intelligence and Expert Systems, System Analysis and Software Engineering, Information Coding and Transmission, Data Communication & Computer Networking, MIS and Strategic Systems, Object-Oriented Programming (OOP), etc.

Website <https://www.iu.ac.bd/> | **Field of study** Information and Communication Technology | **Final grade** 3.59 out of 4 (89.75%) |

Thesis Project: Design and Development of a Web application for Blood Donation Management System

04/10/2023 – 09/10/2023 Antalya, Türkiye

5TH ICYF INTERNATIONAL YOUNG VOLUNTEERS CAMP Islamic Cooperation Youth Forum (ICYF) and Ministry of Youth and Sports of the Republic of Türkiye

It was a five-day training session for young volunteers on post-natural disasters and post-humanitarian crises to meet sustainable environmental goals. I gathered so much valuable new knowledge and brushed up on my volunteering experiences.

Website <https://www.icyforum.org/> | **Field of study** Rebuilding Post-natural Disaster and Post-humanitarian Crises

01/03/2023 – 03/05/2023 Konya, Türkiye

INTERNATIONAL STUDENTS ACADEMY 2023 Presidency for Turks Abroad and Related Communities and International Student Association Konya

Website <https://akademi.ytb.gov.tr/?lang=en> | **Field of study** Visual Design Coding

07/01/2023 – 23/01/2023 Online

FUNDAMENTALS OF RESEARCH METHODOLOGY COURSE Scholarship School BD

In this three-week-long research course, I learned about research methods, research paper writing, various writing tools (e.g., Latex, Endnote, Mendeley, etc.), the research publication process, and other relevant topics.

Website <https://www.sschooldbd.com/>

Online

UNDERSTANDING THE INTERNET (BLENDED LEARNING) Keio University and Asia Pacific Internet Engineering Program (APIE)

This four-week online course provides an in-depth understanding of the Internet, its origins and evolution, and the role of engineering in improving infrastructure. Topics include IP addresses, network technology, and application evolution, while also examining cyberspace as a global space.

Website <https://apie.soi.asia/>

27/08/2022 – 28/08/2022 Istanbul, Türkiye

2ND INTERNATIONAL SUMMER SCHOOL PROGRAM Bangladesh Students Association in Turkey (BASAT)

This summer camp was a two-day research-oriented program. In this program, I learned how to be a good researcher, how to start research, various research methods, research careers, and stress management during research time.

Website <https://www.ytb.gov.tr/> | **Field of study** Research Methodology for Beginners

29/12/2020 – 01/02/2021 Dhaka, Bangladesh

CISCO CERTIFIED NETWORK ASSOCIATE(CCNA) BRACNet Academy Limited

The CCNA certification covers skills and knowledge in network fundamentals, network access, IP connectivity, IP services, security fundamentals, automation, and programmability. It is a lab-based training program that is mainly focused on:

- Perform Basic Switch Configuration and Implement IPv4 and IPv6 Static Routing
- Configure an Interface on a Cisco Router and Secure Device Administrative Access
- Implement Multiple VLANs and Basic Routing Between the VLANs
- Configure and Verify Single-Area OSPF and a WLAN and implement Dynamic NAT and PAT

Website <https://academy.bracnet.net/>

● WORK EXPERIENCE

11/2021 – 03/2023 Istanbul, Türkiye

MENTOR ISTANBUL YOUTH SUMMIT (IYS)

I had been actively participating as a mentor in this organization, where our teams had been collaboratively working on social projects in **sustainable cities and communities**. As a mentor, my primary responsibility was guiding and supporting individuals within the organization, providing them with insights and advice tailored to their growth. Additionally, I facilitated team cohesion and encouraged collaborative problem-solving, ensuring a conducive environment for learning and development.

Website <https://istanbulyouthsummit.com/>

● LANGUAGE SKILLS

Mother tongue(s): **BENGLI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2
TURKISH	C1	C1	C1	C1	C1

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

● DIGITAL SKILLS

Microsoft Office (Word , Excel and Power Point) | Expiience using Latex | Basic IT Networking | IT concepts | Computer fundamentals | Organization Skills | INTERNET AND SOCIAL MEDIA | Google Maps, GPS Tracking | Google (Google Drive, Google Docs, Google Slides, Google Sheets, Google Meets, Google Trends)) | Web Technologies Fundamentals - HTML, CSS

ADDITIONAL INFORMATION

CONFERENCES AND SEMINARS

13/03/2023 – 15/03/2023 – Selcuk University, Konya

2nd International Conference on Sustainable Ecological Agriculture The conference was held at Selcuk University's Agriculture Faculty. At this conference, I joined as an oral presenter of my research article. Moreover, through this conference, I gained knowledge of various engineering and technological fields as well as innovational motivation.

Link <http://second.icseac.com/>

24/11/2022 – 27/11/2022 – Selcuk University, Konya

Selcuk University International Technology and Innovation Student Symposium (SUTIS) The National and Local Sanjak Community (MYS), Technology Faculty, and Akşehir Engineering and Architecture Faculty of Selcuk University held the conference. At this conference, I joined as an oral presenter of my research article. Moreover, through this symposium, I gained knowledge of various engineering and technological fields.

Link <https://sutis.selcuk.edu.tr/>

22/12/2023 – 24/12/2023 – Konya, Turkiye

Youth Seminar The Turkiye Youth and Sports Ministry and the Konya Youth Center organized this three-day-long youth summit. On the first day, I learned about increasing technology and cyberbullying among youth; on the second day, I learned about entrepreneurship and careers in today's world; and on the last day, they talked about sustainable environments and climate change as well as youth participation and volunteering to reach sustainability.

Online

Workshop on SDG13: Climate Action, Level-2 This workshop was organized by the Movers Team to raise awareness about the United Nations Sustainable Development Goal 13.

12/01/2024 – Online

Workshop on Climate Action: Level 2 This workshop was organized by the Over All Bangladesh (OAB) Foundation, where I learned strategies to mitigate climate change as well as shared our thoughts.

Konya Science Center

Huawei Technology Summit It was a one-day-long Huawei Student Development (HSD) seminar where I enhanced my experience and knowledge with technological experts. And I also know how to go ahead with my technical career, especially with Huawei.

Link <https://www.konyabilimmerkezi.com/huawei-teknoloji-zirvesi-rkda>

28/02/2021

Advance Data Augmentation Strategy This webinar was jointly organized by the IEEE IU Student Branch and the IEEE JnU Student Branch. This online-based seminar covered the topics "**Basics of Convolutional Neural Networks (CNN) with Practical Code Examples**" and "**A Tour of Data Augmentation.**"

05/12/2020

Network Security and Information Security This webinar was organized by the IEEE IU Student Branch. This online-based seminar covered the following topics: ransomware, web security, data breaches, cybercrime, and social engineering.

PUBLICATIONS

Comparison of New and Old Optimization Algorithms for Traveling Salesman Problem on Small, Medium, and Large-scale Benchmark Instances

– 2023

Accepted, in the production stage.

[Green Information and Communication Technologies Strategies for Sustainable Agriculture](#) – 2023

[Enhancing Performance of Data Privacy on the Cloud Using Cryptography with Steganography in Python](#) – 2022

VOLUNTEERING

01/08/2022 – 19/08/2022 Konya, Turkiye

Volunteer Worker in 5th Islamic Solidarity Games I worked as a volunteer in the 5th Islamic Solidarity Games, organized by the International Solidarity Sports Federation (ISSF) In this volunteering session, I covered the following duties:

- Maintained excellent professional relationships between country staff and the management committee.
- Collaborated with a team of volunteers to support and empower service users.
- Interpret (Turkish to English and Bengali, and vice versa)
- Assist all of the players and staff to go to the game venue and back to the Olympic Village.

Konya

Volunteering at Turkish Red Crescent (Turk Kizilay) I was working as a volunteer at Turk Kizilay during the Kahramanmaras earthquake, where I did food processing and packaging to send to the affected area, as well as distributed relief materials to those who came from the earthquake-affected area to the shelter in Konya city.

HONOURS AND AWARDS

01/09/2021

Turkiye Burslari Scholarship – Presidency for Turks Abroad and Related Communities The Turkish government is providing this full, free scholarship. Through this scholarship, I have the opportunity to study at a Turkish public university for 3 years, and this scholarship covers all of my expenses in Turkiye.

Link <https://www.turkiyeburslari.gov.tr/>

Directorate of Secondary and Higher Education Merit scholarship – Directorate of Secondary and Higher Education, Bangladesh Based on my year-end outstanding academic performance and class rank, the Directorate of Secondary and Higher Education, Bangladesh, awarded me this merit scholarship three times in the last three years of my four-year bachelor's degree.

STUDY FIELD RELATED SKILLS

Online Courses

- **Cryptography Fundamentals**
- **Artificial Intelligence: Crash Course**
- **Python Programming 101**
- **101: HTML and 201: HTML & CSS # Asp.Net Core MVC 101**
- **Intro To Python and Python Crash Course**
- **Data Analysis with SPSS**
- **Digital Security Essential**
- **Troubleshooting in Internet Connection**
- **Networking Essentials**
- **Troubleshooting in the Operating System**
- **Frontend Fundamentals: HTML 5 & CSS 3 SKILLS**
- **HTML5, CSS3 & Bootstrap 4 For Web Development**
- **Creating an E-Commerce Website With Woocommerce**

HOBBIES AND INTERESTS

Reading Books, Magazine I like to read not only scientific books but also historical books and novels. I also like to read daily published newspapers, weekly and monthly published science fiction, and current affairs-related magazines.

Tours and Travelling Traveling is my most favorable interest. I like to travel to any historic place, hill, or sea. I don't miss any of the tour facilities as much as possible.

Cycling and Swimming Since childhood, I have liked cycling and swimming. At my high school level, I always go to school by bicycle. Swimming is so interesting and adventurous.

RECOMMENDATIONS

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