MD. MONIR AHAMMOD

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PORTFOLIO: https://monircse061.github.io/myportfolio/

LinkedIn https://www.linkedin.com/in/monirahammod/

PROFILE

Computer Science Engineer with fresh and enthusiastic mind to work with Data Science related research. Obtained a B.Sc. degree with honors, and possess a sound understanding of fundamental principles and trends in computer engineering. Eager to learn and adapt to new data science releted research and projects.

EDUCATION

Bangabandhu Sheikh Mujibur Rahman University of Science and Technology (BSMRSTU)   July, 2022

Bachelor of Science in Computer Science and Engineering (CSE)
- CGPA: 3.68 (2nd out of 80 students)

CORE COURSES

- Machine Learning
- Digital Image Processing
- Artificial Intelligence
- Cryptography and Network Security
- Digital Signal Processing
- System Analysis and Design
- Operating System
- Microprocessors and Embedded Systems
- Computer Architecture
- Data Communication
- Computer Networks
- Object Oriented Programming
- Numerical Methods
- Algorithm Design
- Probability and Statistics
- Database

SKILLS/ STRENGTHS

Engineering software	**Cisco Packet Tracker, Emulator 8086, Prolog for AI**
Coding Skills	**C, C++, JAVA, MATLAB, Python, R**
Other Software Skills	**Android Studio, Adobe Illustrator, Adobe Photoshop**
Computer Proficiency	**Microsoft Office, Windows OS**

PROFESSIONAL EXPERIENCE

Lecturer   September, 2022 - Present
Department of Computer Science & Engineering   Dhaka, Bangladesh
Uttara University, Uttara, Dhaka, Bangladesh
https://uttarauniversity.edu.bd/department-of-cse/
Courses instructed:
- Machine Learning
- Artificial Intelligence
- Discrete Mathematics
- Java
- Microprocessor
- Computer Architecture

Junior Research Assistant   March, 2022 - Present
Research Hub.Inc   Dhaka, Bangladesh
https://www.linkedin.com/company/research-hub-21/mycompany/
- Carried out experiments and research according to protocols laid out by primary researchers.

Assistant Teacher   March, 2022 - August, 2022
Shaheen Cadet School & College   Netrokona, Bangladesh
https://www.shaheen.edu.bd/
- Courses Taught: Information and Communications Technology (C Programming, Database, HTML)

Computer Instructor   September, 2021 – December 2021
Traffic Police Office   Netrokona-2400, Bangladesh
http://police.netrokona.gov.bd/
- Training has been provided so far: Provided basic knowledge of the operating system, Microsoft Office, email, document writing, Adobe Photoshop, and so on.

PUBLICATIONS

> **Employee Attrition Analysis Using CatBoost (2022) [First Author]**
https://urlzs.com/VEQsn
Conference paper accepted and presented at MIET 2022 (International Conference on Machine Intelligence and Emerging Technologies 2022)

> **Prediction of Power Consumption in Smart Grid: A Reliable Path to a Smart City Based on Various Machine Learning Models (2022) [Co-Author]**
https://urlzs.com/sxVrf
Conference paper accepted and presented at ICMIME 2022 – International Conference on Mechanical, Industrial and Materials Engineering, RUET, Bangladesh.

> **Impact of COVID-19 on Mental Health among University Students - A Cohort Machine Learning Analysis in Bangladesh(2022) [First Author]**
https://urlzs.com/czrER
Journal paper submitted and status is "Under Review" now at Journal of Education and Information-Technologies of Springers.

PROJECTS

> **Advance Ecommerce Website Using Laravel Framework (2020)** - *Link*
"Beautiful Waste" is an e-commerce website that runs an online business using refuse materials. From this website, people can buy handicraft products.

> **Farmer's Field App of Plants Diseases (2019)** – *Link*
" Farmer's Field" is a digital system of plants diseases identification. It is a digital attempt to quickly and effectively solve many problems related to farming.

> **Hospital Management Website (2019)** – *Link*
The Hospital Management Project is a website where patients can make appointments with a doctor as well as doctors can manage their patients' appointments.

> **Client–Server Network (2018)** – *Link*
Client-server architecture, the architecture of a computer network in which many clients (remote processors) request and receive service from centralized servers (host computers).

> **Mobile Doctor Using C++ Graphics (2019)** – *Link*
Mobile Doctor is a health-aid application with a C++ graphics interface.

INTERNSHIP AND TRAINING

> **Foundation on Research Course: Season 05 (2022)**

> **Amar iSchool Internship Program Summer 2021 (Social Media Team)**

> **Industrial Attachment under Professional Web Design & Development (2019)**

> **Training for Mobile Application Developer (Android) (2018)**

LEADERSHIP AND VOLUNTEER EXPERIENCE

District Team Leader — April, 2022 – July, 2022
ICT Olympiad Bangladesh (Netrokona District) — Bangladesh
- Leader of the *Project Mentoring* Working Group.

Team Leader of Food Serving Volunteers — Jun, 2018 – July, 2018
National High School Programming Contest 2018, Dhaka Region — Bangladesh
- Leading Food Serving Students Working Group.

Class Representative — July, 2020 – April, 2022
Bangabandhu Sheikh Mujibur Rahman Science and Technology University — Bangladesh
- Managing class and students by the instruction of teachers in my department.

Member- Secretary of Programming Club — September,2022 – Present
Uttara University, Dhaka. — Bangladesh
https://uttarauniversity.edu.bd/department-of-cse/
- Help to organize several programming workshop and contests.

Member of Event Management Committee — September,2022 – Present
Uttara University, Dhaka. — Bangladesh
- Organize and managing opening ceremony of new batches of students
- Managing ICT fair, Cultural Programs.

PROFESSIONAL AFFILIATIONS

Member- Secretary of Programming Club, Uttara University	2022 - Present	3 months
Member of Event Management Committee, Uttara University	2022 - Present	3 months

HONORS/ AWARDS

Achieve 2nd place in B.Sc. Engineering (March 2022)
Assessing my academic success with an overall CGPA 3.65/ 4.00

Islami Bank Bangladesh Limited Scholarship Graduation Level 2016 (2017-2020)
Islami Bank Bangladesh Student Branch
Assessing my outstanding academic success and financial condition, I received this scholarship for four years.

Sonali Bank Limited Education Stipend-Higher Secondary level

I achieved this scholarship for outstanding result in my Higher Secondary grade.

Reception from BSB

Cambrian Education Group for outstanding result in HSC 2016

Youth Leadership Development Award (2016)

Assessing my leadership capability and involvement in co-curricular activities.

Award of Scholarships to Descendants of Freedom Fighters by the Government of India

Recipient, Scholarship of Merit and General (2012 - 2016)
Higher Secondary Education Board, Bangladesh, Secondary Education Board, Bangladesh
Monthly government scholarship received for outstanding result in Higher Secondary School Certificate (HSC) – 2016, Secondary School Certificate (SSC) – 2014 and Junior School examination – 2012.

REFERENCES

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