

Mohammad Sayem Chowdhury

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ABOUT ME

Recent Master's graduate in Computer Science & Engineering with expertise in Machine Learning, Deep Learning, and Natural Language Processing. Proficient in Data Analysis and Website Development. A dedicated team player seeking a challenging role to contribute my skills and passion.

EDUCATION

Master of Science in Computer Science & Engineering, American International University-Bangladesh (January 2023 – December 2023)

- **Grade:** 3.85 out of 4.00
- **Address:** Dhaka, Bangladesh

Bachelor of Science in Computer Science & Engineering, American International University-Bangladesh (May 2018 – April 2022)

- **Grade:** 3.77 out of 4.00
- **Address:** Dhaka, Bangladesh

PUBLICATION

1. A prediction model for determining the service satisfaction level of an E-commerce customer using Machine Learning Algorithms
Status: Accepted, **Publisher:** MECS Press (IJITCS)
2. Unveiling the Unique Dermatological Signatures of Human Pox Diseases through Deep Transfer Learning Model Based on DenseNet and Validation with Explainable AI
Status: Accepted, **Publisher:** Springer (Data-Driven Clinical Decision-making using Deep Learning in Imaging)
3. Manifesting the Path to Enhanced Fire Detection in Residential Environments and Beyond using a DenseNet201-Based Multistage Approach
Status: Accepted, **Publisher:** Springer (Fire Technology)
4. Leveraging Deep Neural Networks to Uncover Unprecedented Levels of Precision in the Diagnosis of Hair and Scalp Disorders
Status: Accepted, **Publisher:** Wiley (Skin Research and Technology)
5. A Multilingual Intelligent System for Objectionable Text Recognition Utilizing an Explainable AI-Supported Deep Learning Model on Bengali, Bengali Transliteration, and English Embedded Text
Status: Under Review, **Publisher:** Springer (Knowledge and Information Systems)

EXPERIENCE

Intern Student, American International University-Bangladesh (January 2022 – April 2022)

- Aided in course materials preparation and student query handling for assigned courses
- Tracked course progress and ensured prompt completion of assessments and deadlines
- Developed persuasive communication skills and gained experience in course management through interactions with students and faculty.

CERTIFICATES

- Participated in various workshops and courses on data analysis and web development from **Coursera** and **Udemy**
- Completed Professional Certificate in data analytics, including the **Google Data Analytics Professional Certificate** and the **IBM Data Analytics Professional Certificate**

EXTRACURRICULAR ACTIVITIES

Coordinator Website Team, IEEE CS BDC Team SPARK (January 2022 – December 2022)

WebMaster, IEEE AIUB Student Branch (January 2021 – December 2021)

PROJECTS

Bangladesh Cricket Team Win% Analysis

- Project Link: [Bangladesh Cricket Team Win% Analysis](#)

A CASE STUDY BETWEEN ANNUAL MEMBER VS. CASUAL RIDER 2021

- Project Link: [A CASE STUDY BETWEEN ANNUAL MEMBER VS. CASUAL RIDER 2021](#)

SKILLS

PROGRAMMING SKILLS

- Proficient in **Python, SQL**, and **R** for data analysis and manipulation
- Hands-on Experience in **PHP, React, Django, Laravel** and **JavaScript** for web development

FRAMEWORKS AND TOOLS SKILLS

- Skilled in **Microsoft Excel** and **Google Sheets** for data management and analysis
- Experienced in using **Git** and **GitHub** for version control and collaboration
- Proficient in **Tableau** and **Google Data Studio** for data visualization
- Skilled in **WordPress** for website design and development

REFERENCES

Dr. Muhammad Firoz Mridha,
Associate Professor, Computer Science,
American International University-
Bangladesh

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Dr. Md. Abdullah - Al - Jubair,
Assistant Professor & Director,
American International University-
Bangladesh

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