Anik Sen

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ABOUT ME

I completed my **Bachelor of Science** in **Computer Science & Engineering**, specializing in **Software Engineering**, at **American International University-Bangladesh (AIUB)**. My research interest area is **Machine Learning** and **Artificial Intelligence**.

WORK EXPERIENCE

Computer Science Teacher
Canadian Trillinium International School [09/2023 – Current]

Teaching Area:
- **Programming in Python** *(Grade 9)*
- **Programming in C++** *(Grade 10)*
- **Cyber Security & Technical Support** *(Grade 11 & 12)*

Research Assistant
Artificial Intelligence Research and Innovation Lab (AIRIL) [09/2023 – Current]

Research Assistant Intern (Remote)
Kishor Academy [08/2023 – Current]

City: Jamaica, New York, USA

Cloud Computing Trainee
eTech Solution Ltd. [06/2023 – 09/2023]

Communications Intern(Remote)
Youth School for Social Entrepreneurs (YSSE) [03/2023 – 08/2023]

QA Functional Testing Intern (Remote)
a1qa [04/2023 – 05/2023]

City: Minsk, Belarus

EDUCATION AND TRAINING

Bachelor of Science
American International University-Bangladesh [2020 – 2023]

Field(s) of study: Computer Science & Engineering
Final grade: 3.94 out of 4 [Dean's List Honor - Five Times]
Thesis: Innovative Techniques of Data Sharing and Security for Anomaly Detection Using Novel Machine Learning Techniques

Higher Secondary School Certificate (HSC)
Sreemangal Government College [2016 – 2018]

Field(s) of study: Science
Final grade: 4.83 out of 5

Secondary School Certificate (SSC)
Saint Martha's High School [2016]

Field(s) of study: Science
Final grade: 4.61 out of 5

PUBLICATIONS

Find out the innovative techniques of data sharing using cryptography by systematic literature review

Reference: Sen, Anik, et al. "Find out the innovative techniques of data sharing using cryptography by systematic literature review." Turkish Journal of Computer and Mathematics Education (TURCOMAT) 14.03 (2023): 216-224.

A Comprehensive Analysis of Machine Learning Approaches for Fake News Detection and Its Effects

Reference: Hossain, M. N., Al Huda, S., Hossain, S., Sum, A. S. I., Fahad, N., & Sen, A. (2023). A Comprehensive Analysis of Machine Learning Approaches for Fake News Detection and Its Effects. Turkish Journal of Computer and Mathematics Education (TURCOMAT), 14(03), 384-391.

Identification Of Human Movement Through A Novel Machine Learning Approach

Accepted in 4th International Conference on *Innovations in Power & Advanced Computing Technologies (i-PACT'23)*

Student's Mental Health Issues are Prevented With The Help Of Data Mining

Accepted in *International Journal of Computing.* (Scopus Indexed)

ORGANISATIONAL SKILLS

Proficient in multiple Programing Language like C, C++, Java, C#, Python[Numpy, Pandas, Seaborn, scikit learn], JavaScript, Php

Proficient in Backend Framework like ASP.NET

Experienced in HTML5, CSS3, Bootstrap5

Experienced in Microsoft Office

Database Management like My Sql, MS Sql , PL Sql

Experienced in Software Testing tool like Selenium with Java

Problem Solving in different online judges like Codeforces, Beecrowd, Hackerrank

PARTICIPATION AND CERTIFICATIONS

Research Fair-2023, CUET.

Participated with one of my selected research article, titled ***"Revolutionizing Water Quality Assessment in Bangladesh: A Novel Hybrid Model Outperforming Conventional Classifiers"***

DUET TechFest 2k23.

Winner of the segment of the Idea & Project Exhibition, project titled: ***Sign Language to Speech Converter***

Orbitax SUST SWE Technovent 2023(Brain Station 23 Hackathon).

Successfully passed first round and participated **final round** at **SUST** campus for 36 hour no n stop on site hackathon.

CTO forum Innovation Hack-a-Thon 2022.

Successfully passed first round and reached second round (prototype).

MIST LeetCon 2023.

Participated in the cyber security workshop, titled ***"HackMeIfyouCan"***

CISCO IT Essentials.

Successfully achieved student level credential by completing IT Essentials course

Php with Laravel.

A training course under **SEIP** at Pencil Box training center (**Funded by Ministry of Finance**).

Professional English Communic ation and Training.

A training period under **SEIP** and **BASIS** , organized by **WSDA New Zealand**

HONOURS AND AWARDS

FST Dean's List Honor

based on academic excellence. *[Five Times for Five Consecutive Academic Session]*

AIUB Academic Scholarship

based on academic results. *[Till Last Semester]*

EXTRA-CURRICULAR ACTIVITIES:

Campus Ambassador [Team Lead] at ICT Olympiad Bangladesh 2022 (Season 1)

Volunteer at Bangladesh Red Crescent Society

The Duke of Edinburgh s International Award (Bronze)

Organizer at AIUB Arts Club

Member(Researcher Category) at AIUB Research for Development Club - AIUBReD

RECOMMENDATIONS

Professor, Computer Science, AIUB
Name: Dr. Md. Asraf Ali
Email: asrafali@aiub.edu

Academic

International Faculty, Department of Informatics, Universiti Malaysia Terengganu
Name: Dr. Kamal Uddin Sarkar
Email: kusarker@umt.edu.my

Academic

Thank you for considering my application. I want to assure you that all the information in my CV is accurate and up-to-date.

Anik Sen