



## 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 – 02/2024 ]

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 – 01/2024 ]

#### Research Assistant Intern (Remote)

*Kishor Academy* [ 08/2023 – 11/2023 ]

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.

### **Identification of Human Movement Through a Novel Machine Learning Approach**

**Reference:** N. Fahad, A. Sen, S. S. Jisha, S. Ahmad, H. Mokhlis and M. S. Hossain, "Identification of Human Movement Through a Novel Machine Learning Approach," 2023 Innovations in Power and Advanced Computing Technologies (i-PACT), Kuala Lumpur, Malaysia, 2023, pp. 1-5, doi: 10.1109/i-PACT58649.2023.10434296.

### **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.

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

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

## **ORGANISATIONAL SKILLS**

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**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**

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**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 non 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 "**HackMelfyouCan**"

**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**

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**FST Dean's List Honor**

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

### **Emerging Leader Award 2024**

based on the top-performing academic excellence of undergraduate programs.

### **AIUB Academic Scholarship**

based on academic results. [ Till Last Semester ]

### **EXTRA-CURRICULAR ACTIVITIES:**

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**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**

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#### **Professor, Computer Science, AIUB**

Name: Dr. Md. Asraf Ali

Email: [asrafali@aiub.edu](mailto:asrafali@aiub.edu)

Academic

#### **International Faculty, Department of Informatics, Universiti Malaysia Terengganu**

Name: Dr. Kamal Uddin Sarkar

Email: [kusarker@umt.edu.my](mailto:kusarker@umt.edu.my)

Academic

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*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