



MD Shamiul Islam

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OBJECTIVE

Graduate of Computer Science with having 1 years of experience as a Research Associate. My research involves Machine Learning & Deep Learning. Now, I am seeking the opportunity to pursue **Research Intern**, where I can utilize my experience in those areas and be able to contribute with my prospective supervisor & help the team deliver accurate results. Looking to contribute my knowledge and skills to an institute that offers a genuine opportunity for career progression.

EDUCATION

Bachelors (B.Sc. in Engineering)

2023 B Sc. in Computer Science and Engineering at Bangladesh University of Business & Technology, BD.

Result CGPA: 3.56 in scale of 4.00.

Project/Thesis: "Customizes Convolutional neural network for medical data classification".

Academic Supervisor Name: Mr. Md. Shahiduzzaman. Email: shahid@bubt.edu.bd

HSC (Higher Secondary Certificate)

2018 Palashbari Adarsha Degree College, Gaibandha, Dinajpur, Bangladesh.

Result GPA: 3.50 in scale of 5.00.

Specialized in Science.

SSC (Secondary School Certificate)

2016 Madarhat Adarsh High School, Gaibandha, Dinajpur, Bangladesh.

Result GPA: 4.67 in scale of 5.00.

Specialized in Science.

EMPLOYMENT HISTORY

November 2022 – Continue	Research Assistant Under the supervision of Imrus Salehin Research Assistant Dongseo University (DSU), Busan, South Korea Job Type: Voluntary
	Intern Bangladesh Computer Council E-14/X, ICT Tower, Agargaon, Sher e Bangla Nagar, Dhaka-1207, Bangladesh Email: bccinfo@bcc.gov.bd Job Type: Internship
19 March 2023 - 29 April 2023	Machine Learning Engineer Robo Tech Valley Shialbari Graveyard, Road No. 04, Rupnagar Rd, Dhaka 1216, Bangladesh Job Type: Part-time
January 2023-Continue	

RESEARCH INTERESTS

Research interest

Cyber Security, IoT, Machine Learning and Deep Learning.

PUBLICATIONS

Journal Publication

- Imrus Salehin, Md Shamiul Islam, Nazrul Amin, Md Abu Baten, S. M. Noman, Mohd. Saifuzzaman and Serdar Yazmyradov **“Real-Time Medical Image Classification with ML-Framework and Dedicated CNN-LSTM Architecture”** on Journal of Sensors, Vol 2023, Issue No: 3717035, ISSN: 1687-7268 (Online), Hindawi. [IF: 1.9, CiteScore: 3.10]. **(Accepted :[Hindawi](#))**
- Imrus Salehin, Md Shamiul Islam.... **“AutoML: A Systematic Review on Automated Machine Learning with Neural Architecture Search”**. (Paper Link:[Elsevier](#))
- Imrus Salehin, Md Shamiul Islam..., **“Deep Learning Models for Real-time Identification of Agro Plant Insects with Image Augmentation Effect Analysis on a Small Custom Dataset.”** (Under Review: Elsevier)

Conference Publication

- **Shamiul Islam, M., Habiba, U., Abu Baten, M., Amin, N., Salehin, I., & Jidney, T. T. (2022, November). Hybrid Convolution Neural Network with Transfer Learning Approach for Agro-Crop Leaf Disease Identification. In the International Symposium on Computer Science, Digital Economy and Intelligent Systems (pp. 209-217). Cham: Springer Nature Switzerland. ([Click](#))**
- **Islam, M. S., Naeem, J., Emon, A. S., Baten, A., Al Mamun, M. A., Waliullah, G. M., ... & Mridha, M. F. (2023, June). Prediction of Buying Intention: Factors Affecting Online Shopping. In 2023 International Conference on Next-Generation Computing, IoT and Machine Learning (NCIM) (pp. 1-6). IEEE. ([Click](#))**
- **Islam, M. S., Habiba, U., Baten, M. A., Amin, N., Salehin, I., & Jidney, T. T. (2022, October). Improve CNN Model Agro-Crop Leaf Disease Identification Based on Transfer Learning. In International Conference on Advanced Communication and Intelligent Systems (pp. 258-265). Cham: Springer Nature Switzerland. ([Click](#))**
- **Sondip Poul Singh, Md Shamiul Islam., “Unpacking the Complexities of Armed Conflict Fatalities in Bangladesh: A Data-driven Study of Factors, Actors, and Spatial Patterns.” (Link:[Click](#))**
- **Md Shamiul Islam, Nabila Rahman...” WebGuardML: Safeguarding Users with Malicious URL Detection using AI”. (Accepted: [ICCIT](#))**
- **Md. Tanim Mahmud, Md Shamiul Islam “Feature Techniques with Custom Convolutional Model for Breast Tumour Surveillance in Mammograms (Accepted: [TEHI](#))”**
- **Ahsanul Akib, Md Shamiul Islam... “Precision fish farming to mitigate pond water quality through IoT.” (Under Review: [IVPR UK](#))**
- **Muhammad Faisal, Md Shamiul Islam, “Improving Network Security with Intrusion Detection Systems Utilizing Machine Learning and Deep Learning Techniques”. (Accepted: ICCIT)**

PROFESSIONAL ACTIVITIES

[Certified Ethical Hacker](#)

Certification through examination administered by Team Matrix.

TECHNICAL SKILLS

- **Language (Programming)** : C, C++, JAVA (Basic), Python (Machine learning, Deep Learning)
- **Basic Web Language** : HTML, CSS, PHP, React.
- **Microsoft Office** : Microsoft Office, Microsoft PowerPoint, Microsoft Excel
- **Software & Tools** : Visual Studio, Anaconda, Google Collab, Android Studio, Latex, Draw.io, Zotero, Mendeley, GitHub, Notion, ClickUp, SAS, PyCharm, Canva
- **Operating System** : Windows, Kali Linux

- **Others** : Networking, Leadership, Team management, Critical Thinking, Communication, Teamwork & Collaboration, Adaptability

LANGUAGE PROFICIENCY TEST

Language	Listening	Reading	Spoken	Writing
• Bangla	Best	Best	Best	Best
• English	Good	Best	Good	Best

ACADEMIC PROJECTS AND EXPERIENCES

- Brain MRI-image-UNet, SegNet-Segmentation.
- E-Smart and Sequard Home Automation System with Arduino.
- Kidney Stone Detection Using CNN.
- RSNA Screening Mammography Breast Cancer Detection.

COURSE(S) ACCOMPLISHMENT AND CERTIFICATE(S)

- Cyber Security & Ethical Hacking. [[Team Matrix](#)]
- Machine Learning Basic to Advanced. [[Udemy](#)]
- Machine Learning & Artificial Intelligence with Python. [[Udemy](#)]
- Artificial Intelligence and the future Work. [[Udemy](#)]
- Statistical Thinking and Data Science with R. [[Udemy](#)]
- Qualitative Research Skills for Industry Professionals. [[Udemy](#)]

AWARDS

- Awarded for Researcher 2023, Department of Computer Science and Engineering, Bangladesh University of Business & Technology.
- Awarded Five Lac BDT “young Bangla-Bicchuron” project an innovative idea competition of Renewable energy.
- Awarded for “national Cyber Drill 2021-22” by BGD e-GOV CIRT.
- Awarded for “Brain Station 23 Hackathon” by Orbitx SUST SWT Techno vent.
- Awarded for “Intra University Programming Contest” on BUBT.
- Awarded the top position at the Upazila level “National Education Week”.

EXTRA-CURRICULAR ACTIVITIES

While on field experiences, I had the opportunity to become involved in a wide range of extra-curricular activities, including:

- Conference attending (International Conference on Next-Generation Computing, IoT and Machine Learning, NCIM 2023).
- Founder & Vice President at Greenlife Education and Social Development Organization (GESDO).
- Champion Member at Crime Awareness Foundation.
- District Ambassador at Blue Team Bangladesh Ltd.
- Contributor Affiliate Robi 10 Minute School.
- Member of BUBT IT Club.

REFERENCES

Khan Md. Hasib

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