Nasrin Akter

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https://nasrin-akter-88.github.io/website/

EDUCATION

2018–2019

MSc in Computer Science and Engineering, CGPA: 3.67(91%).
Department of Computer Science and Engineering, East West University, Bangladesh.
Research Project: *Detection of Autism Spectrum Disorder applying Deep Neural Network.*
Supervisor: Dr. Md. Nawab Yousuf Ali, Associate Professor.

2007–2011

BSc in Electronics and Telecommunication Engineering, CGPA: 3.81(89%).
Department of Electronics and Telecommunication Engineering, Daffodil International University.
Thesis: *Acoustic Echo Cancellation for the advancement in Telecommunication.*
Supervisor: Dr. A.K. M Fazlul Haque, Associate Dean & Professor.

RESEARCH INTERESTS

- Machine Learning.
- Natural Language Processing.
- Deep Learning and classical algorithms.
- Healt informatics/Bioinformatics.
- Computer vision.
- Social Network Analysis.

SELECTED HONOURS AND AWARDS

2019   Scholarship, "Medha Lalon", East West University, Bangladesh.
2007-2011   Result based waiver (100% of tuition fee), Daffodil International University.

PUBLICATIONS

Paper accepted in referred conference

- Shithi Maitra, Nasrin Akter, Afrina Mithila, Tonmoy Hossain, Mohammad Alam. *Apriori-backed Fuzzy Unification and Statistical Inference in Feature Reduction: An Application in Prognosis of Autism in Toddlers. International Conference on Advanced Computing and Intelligent Engineering.*

Peer-reviewed publication in referred journal

- Shithi Maitra, Sakib Eshrak, Md. Ahsanul Bari, Abdullah Al-Sakin, Rubana Hossain Munia, Nasrin Akter, Zabir Haque. *Prediction of Academic Performance Applying NNs: A Focus on Statistical Feature-Shedding and Lifestyle. International Journal of Advanced Computer Science and Applications(IJACSA), Volume 10 Issue 9, 2019.*

Paper in progress

- Nasrin Akter, Dr. Mohammad Shafiul Alam. *Detection of Autism Spectrum Disorder applying Deep Neural Network: a performance analysis of ML algorithms and DNN.*

PROFESSIONAL EXPERIENCE

October 2015–30th April, 2018

Business Analyst, Manager, REVE Systems, Dhaka, Bangladesh.
Research on top-notch technologies for software solutions, analyze software requirements and prepare technical documentations (e.g., gap analysis, RFI, RFQ, RFP, SRS, PAT, UAT, business cases and software user manuals).

August 2014 – February 2015
Senior Engineer, Network Operation and Coordination, Drik ICT Ltd, Dhaka, Bangladesh.
Ensuring network system infrastructure's stability and leading support engineers to troubleshoot network issues.

August 2012– December 2013
Network Operation and Coordination/Transmission Engineer, MOS5 Tel Ltd, Bangladesh.
Configuration of network hardware and software components(Genband, Tejas 1600C MUX),voice traffic engineering and troubleshoot disordered voice packets.

June 2011– July 2012
Support Engineer, Fiber infrastructure, Link3 Technologies Ltd, Dhaka, Bangladesh.
Monitor optical fiber network infrastructure and troubleshoot network issues.

TECHNICAL SKILLS
- **Skills:** Machine Learning, Big Data, Python, C/C++ , HTML, CSS, JavaScript, PHP, HTTP, OSI model, TCP/IP, Routing protocols, IPv6 addressing and address Planning, SDH Multiplexing, SS7 Signaling issues, Voice Codecs, telephony technologies (ISDN, SIP, H.323).
- **Tools:** Network management and monitoring tools (Observium, OpManager, SNMPc), network diagnostic tools (PuTTY, Wireshark packet analyzer, Cacti).
- **Operating System:** Windows-XP, MS Office Suite.

CERTIFICATIONS AND TRAININGS
- Analysis of Big Data in making intelligent business decision, ADN, Bangladesh.
- ITIL ® Foundation Certification-IT Service Management, AXELOS.
- Awareness session on CMMI, ISO 9001 & ISO/IEC 27001, UniCert Services Ltd, India.
- CCNA Routing and Switching. CISCO ID: CSCO12599200.
- Routing(IP v4/v6), South Asian Network Operator Group(SANOG).
- CCNA Security, American International University of Bangladesh(AIUB).

CONFERENCE
- **Conference Fellow**, APRICOT (Asia Pacific Regional Internet Conference on Operational Technologies) 2016, New Zealand.
- **Conference Fellow**, SANOG(South Asian Network Operators Group), 23, Nepal. Certified on Routing (IPv4/IPv6), OSPF, ISIS,BGP.
- **Conference Presentation,** Showcased bdNOG's (forum of voluntary IT professionals) contributions in Bangladesh internet community, NOG sessions, APRICOT 2016, New Zealand.

VOLUNTEER EXPERIENCE
- Campaigned for women in ICT industry, illustrated the women's battle against tradition to establish career in ICT Bangladesh, APNIC, New Zealand.

MEMBERSHIPS
- BCC, Bangladesh Computer Council Membership ID: 09597
- bdNOG, Bangladesh Network Operator Group.

LANGUAGE COMPETENCIES
- General IELTS Score: Listening 8.5, Reading 7, Writing 6, Speaking 7.
- English was the medium of instruction in my universities: East West University (IAU Global WHED ID-003952) and Daffodil International University (IAU Global WHED ID- IAU-003457).

REFERENCES : Available upon request.