



Tanvir Ahammad

Lecturer of Dept. of CSE at Jagannath University

- Date of Birth:** Aug. 08, 1990
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Interests

- Data Mining
- Machine Learning
- Cloud Computing
- Software Engineering
- Cryptography

Skills

Programming:

- C, C++, Java, Python ●●●●●
- C#, R, PHP, SQL ●●●●●
- Prolog, Assembly ●●●●●
- Shell scripting ●●●●●

Tools & Platforms:

- ASP .NET, CloudSim ●●●●●
- Keras, TensorFlow ●●●●●
- GATE for NLP ●●●●●
- OpenStack, Fiware ●●●●●

Computer Networking:

- Routers, Switches ●●●●●
- TCP/IP, LAN, WLAN ●●●●●

Education

Postgraduate Study

2014 – 2015 **M.Sc. in Computer Science and Engineering** Jagannath Univ., Bangladesh
Thesis: Energy-effective service oriented cloud resource allocation model based on workload prediction.
Supervisor: Prof. Dr. Uzzal Kumar Acharjee
Grade: CGPA: 3.88/4.00 (3rd Position)

- Neural Network
- Bio-informatics
- Advanced Algorithm
- Advanced Digital Image Processing
- Internet Security & Policy
- Wireless Ad Hoc & Sensor Networks
- Cloud Computing
- Digital Forensic & Investigation

Undergraduate Study

2010 – 2013 **B.Sc. Computer Science and Engineering** Jagannath Univ., Bangladesh
Thesis: Towards the application of big data: a new way to make data driven healthcare decision.
Supervisor: Mehnaz Tabassum, Assistant Professor
Grade: CGPA: 3.73/4.00 (3rd Position)

Secondary and Higher Secondary Studies

2008 **H.S.C. in Science Group** Comilla Board, Bangladesh
Grade: GPA: 5.00/5.00

2006 **S.S.C. in Science Group** Comilla Board, Bangladesh
Grade: GPA: 5.00/5.00

Publications

Journals

- Tanvir Ahammad, Md. Sajib Al Mamun and Mehnaz Tabassum. Article: Towards the Application of Big Data: A New Way to make Data Driven Healthcare Decision. International Journal of Computer Applications 134(14):15-21, January 2016. Published by Foundation of Computer Science (FCS), NY, USA.

Conferences

- Tanvir Ahammad, Uzzal Kumar Acharjee, and Md Mahmudul Hasan. "Energy-Effective Service-Oriented Cloud Resource Allocation Model Based on Workload Prediction." Published by 2018 21st International Conference of Computer and Information Technology (ICIT). IEEE, 2018. (the most prestigious conference in Bangladesh)
- Tanvir Ahammad, Md. Khabir Uddin, Abdul Karim and Sajal Halder. "A Framework for Detecting and Tracking Religious Abuse in Social Media." Published by International Conference on Computing, Power and Communication Technologies (GUCON 2019). IEEE, 2019.
- Aziz, Habiba Binte, Selina Sharmin and Tanvir Ahammad. "Cloud Based Remote Healthcare Monitoring System Using IoT." 2019 International Conference on Sustainable Technologies for Industry 4.0 (STI) (2019): 1-5.

Honours and Awards

- Champion of project competition organized by ITRRC in 2013.
- Recognized as outstanding performance for Undergraduate Research Fellow activities in 2013.
- Nominated as Fellowship of BdREN (Bangladesh Research and Education Network) at MEETBdREN Summit 2016.

Short Bio

Tanvir aims to achieve excellent academic career by quality research in one of the major computer science disciplines. All of his academic studies up to Masters have had good results with great success. From student life, he is keenly interested in programming. He was an UVA problem solver (50+), ACM ICPC Asia Dhaka Regional, National and Inter-university programming contestant. Furthermore, Tanvir has published 1 journal paper and 2 conference papers. He supervised many project students and two undergraduate thesis students. Currently, he is working on two research works.

Strengths

Teachable, ambitious to perform well in research, good team player, do work on time, responsible, analytical, adaptable, flexible, patience and perseverance.

Profiles



Languages

Bengali (Mother Tongue)

English (IELTS/iBT:TBA, 2019)

Extracurricular

Tanvir does well in extracurricular activities. He enjoys his pastimes in playing cricket, football, travelling and society memberships and community works. Besides, he served as a sports secretary in CSE Association and vice-president of JnUOSN.

Working Experience

Jan, 2018 – ongoing	Lecturer Courses taught: Data Mining & Machine Learning, Design & Analysis of Algorithm, Peripherals & Interfacing, Structured Programming, Compiler Design, Electrical Circuit Analysis, Computer Graphics & Multimedia, and Mathematical Analysis for Computer Science.	Jagananth Univ., Bangladesh
July, 2019 – ongoing	Adjunct Lecturer Working as an Adjunct Lecturer for one day/week at Dept. of Information & Communication Technology. Courses taught: Data Structures, Database Management System.	BUP, Bangladesh
Sep, 2015 – Dec, 2017	Lecturer Courses taught: Operating Systems, Digital Systems, Artificial Intelligence & Neural Network and Structured Programming, Data & Telecommunications, Computer Networks, Data Structures, Computer Organization & Architecture.	Dhaka International Univ., Bangladesh
May, 2011 – Nov, 2013	Undergraduate Research Fellow Worked as an undergraduate Research Fellow under the project of Re-engineering of the Information Technology Research and Resource Center (ITRRC)-a project of HEQEP, UGC, GoB and World Bank (2011-2013); and developed a simulation model for CPU scheduling algorithms and another simulation model of different sorting algorithms.	Jagannath Univ., Bangladesh

Academic Supervision

2016–2018	Final year project supervision (more than 10 projects)	B.Sc.
2018–2019	Supervised one thesis on Data Mining and Text Analytics in Social Networking Platforms.	B.Sc.

Administrative Experience

- Mentoring of Jagananth University Programming Club (JnUPC).
- Conducting workshops on Academic and Industrial collaboration of Dept. of CSE, JnU.
- Managing and mentoring of Cricket and Football of CSE JnU team.

Professional Affiliations and Memberships

- Member of Bangladesh Computer Society (Membership ID: AM-12089).

Attendance at Seminars and Workshops

- Cloud-based web security best practices and system configuration overview workshop at IICT, BUET in 2019.
- Embedded system/IoT based system design and development at IICT, BUET in 2018.
- Outcome based education and curriculum mappings organised by IQAC, DIU with the support from HEQEP, UGC Sub-Project in 2018.
- Computer Interfacing and Embedded System conducted by GOLD Affinity Group, IEEE Bangladesh Section and ITRRC in 2013.

References

Ref. 1	Prof. Dr. Uzzal Kumar Acharjee ukacharjee@gmail.com	Jagannath Univ., Bangladesh
Ref. 2	Dr. Md. Masbaul Alam Polash polash_csedu@yahoo.com	University of Sydney, Australia
Ref. 3	Dr. Md. Abu Layek abulayek@yahoo.com	Jagannath Univ., Bangladesh