Sakifa Aktar

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OBJECTIVES

To be a researcher & achieve a position, where I can prove my excellence by enhancing the scope of achieving organizational vision by contributing my academic knowledge and practical experience.

EDUCATION

BSc. in Computer Science and Engineering   2014 - 2018
Rajshahi University of Engineering & Technology (RUET), Bangladesh.
    C.G.P.A. 3.84 out of 4.00

Higher Secondary Certificate Examination   2011 - 2013
Rajshahi Collage, Bangladesh.
    G.P.A. 5.00 out of 5.00

Secondary School Certificate Examination   2001 - 2010
Rajshahi University School, Rajshahi, Bangladesh.
    G.P.A. 5.00 out of 5.00

WORK EXPERIENCE

Lecturer   2019 - present
Bangabandhu Sheikh Mujibur Rahman Science & Technology University, Gopalganj-8100, Bangladesh

RESEARCH EXPERIENCE

1.A machine learning model to identify early stage symptoms of SARS-Cov-2 infected patients
Md. Martuza Ahamad, **Sakifa Aktar***, Md. Rashed-Al-Mahfuz, Shahadat Uddin, Pietro Liò, Haoming Xu, Matthew A. Summers, Julian M.W. Quinn, and Mohammad Ali Moni, Expert Systems with Applications, June 2020,* `doi: 10. 1016/ j. eswa. 2020. 113661`

2.Predicting Patient COVID-19 Disease Severity by means of Statistical and Machine Learning Analysis of Blood Cell Transcriptome Data
Sakifa Aktar*, Md. Martuza Ahamad, Md. Rashed-Al-Mahfuz, Shahadat Uddin, A H M Kamal, Salem A. Alyami, Ping-I Lin, Sheikh Mohammad Shariful Islam, Julian M.W. Quinn, Valsamma Eapen, Mohammad Ali Moni, arXiv (pre-print), November, 2020,* `darxiv. org/ abs/ 2011. 10657`

3.Machine Learning and Meta-Analysis Approach to Identify Patient Comorbidities and Symptoms that Increased Risk of Mortality in COVID-19

Sakifa Aktar, Ashis Talukder, Md. Martuza Ahamad, A. H. M. Kamal, Jahidur Rahman Khan, Md. Protikuzzaman, Nasif Hossain, Salem A. Alyami, AKM Azad, Julian M.W. Quinn, Mathew A. Summers, Teng Liaw, Valsamma Eapen, Mohammad Ali Moni, arXiv (pre-print), August, 2020 `arxiv.org/abs/2008.12683`

4.Movie Genre Classification with Deep Neural Network using Poster Images
*Nayeem Hossain, Md. Martuza Ahamad, **Sakifa Aktar**, Mohammad Ali Moni, ICICT4SD (IEEE Conference), 2020*

5.Multi-View 3D Object Retrieval using Autoencoder & Deep Embedding Network
***Sakifa Aktar**, Md. Al Mamun, 2019 International Conference on Electrical, Computer and Communication Engineering (ECCE)*
   DOI: 10.1109/ECACE.2019.8679277

6.Comparative Study of Multi-View 3D Object Retrieval with Autoencoder & Deep Embedding Network
***Sakifa Aktar**, Md. Al Mamun, Md. Ali Hossain, 2018 21st International Conference of Computer and Information Technology (ICCIT)*
   DOI: 10.1109/ICCITECHN.2018.8631920

SKILLS

- **Languages skills** (Bangla, English)

- **Operating Systems** (Windows, Linux)

- **Markup Languages** (LaTeX, HTML, CSS, Markdown)

- **Web Languages** (PHP, JavaScript)

- **Programming Languages** (C, C++, JAVA, Assembly, R, SQL, MATLAB, Python)

- **IDE** (Android Studio, MATLAB, RStudio)

AWARDS

- Awarded technical scholarship from Rajshahi University of Engineering & Technology from 2014 to 2018.

- Awarded Government Scholarship in Higher Secondary School certificate Examination, 2014 to 2018.

- Awarded Government Scholarship in Higher Secondary School certificate Examination, 2011 to 2013..

EXTRA-CURRICULAR ACTIVITIES

- Visited "Bangladesh Power Development Board" as system analyst.

- Attended "Girl-guides camping" in 2006 (Dhaka) & 2008 (Rajshahi).