Md Mizanur Rahoman

Assistant Professor, Begum Rokeya University Rangpur – Bangladesh

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🖰 http://semanticslab.net/

Summary

- Faculty Member, Computer Science & Engineering Department, for more than 8 years
- Experience Researcher on Knowledge Mining, Natural Language Understanding, Robotics etc.
- Data Scientist, focusing on Support Vector Machine, Decision Tree and Deep Learning
- System Administrator on Oracle, MS SQL Server, Virtuoso Universal Server, SAP ECC 6.0

Expertise

- **Programming Language**: Python, Java, C
- **Machine Learning Package**: Weka, LibSVM, Tensorflow, Keras
- **Search Engine Package**: Apace Lucene, Solar
- **Database**: Oracle 10g, MS SQL Server 2008, Virtuoso Universal Server
- **Business System**: SAP ERP, BSCS 8.0 (Billing System)

Experience

Begum Rokeya University, Rangpur — **Rangpur, Bangladesh**
Assistant Professor — *Aug 2016–to date*
Main Responsibilities: Conduct courses on Natural Language Processing, Machine Learning, Artificial Intelligence etc.

Semantics Lab — **Rangpur, Bangladesh**
Principal Investigator — *Sep 2016–to date*
Main Responsibilities: Lead Semantics Lab, Development of Bangla parser using UD and syntaxnet, CNN-based OCR for Bangla handwritten text, Machine learning based Image Processing etc.

National Institue of Informatics — **Tokyo, Japan**
PhD Student — *Sep 2011–Aug 2016*

IBM Research, Tokyo — **Tokyo, Japan**
Internship Student — *Nov 2014–Feb 2015*
Main Responsibilities: Develop Machine Learning-based System for Multilingual Text Mining

Begum Rokeya University, Rangpur — **Rangpur, Bangladesh**
Lecturer — *Mar 2009–Aug 2016*
Main Responsibilities: Conduct courses on Discrete Mathematics, Algorithm, Programming Language, Operating System, Mentor Team at National Programming Competition etc.

Robi (Axiata) Limited — **Dhaka, Bangladesh**
Senior System Analyst — *Jan 2005–Mar 2009*
Main Responsibilities: Development & Support for Telcom Billing System

Publication

1. Rahoman M., Ichise R.: Relation-wise Automatic Domain-Range Information Managment for Knowledge Entries. The 11th IEEE International Conference on Semantic Computing, pp. 105-108, 2017.
2. Rahoman M., Nasukawa T., Kanayama H., Ichise R.: LiCord: Language Independent Content Word Finder, The 11th International Conference on Hybrid Artificial Intelligence Systems, pp. 40-52, LNAI 9648, 2016.
3. Rahoman M., Ichise R.: Automatic Erroneous Data Detection over Type-annotated Linked Data. IEICE Transactions on Information and Systems, Vol.E99-D,No.4,pp. 969-978, 2016.
4. Rahoman M., Ichise R.: inteSearch: An Intelligent Linked Data Information Access Framework. JIST'2014 pp.397-413, LNCS 8943, Springer 2014.
5. Rahoman M., Ichise R.: Automated Inclusion of Semantics over Keyword-based Linked Data Retrieval. IEICE Transactions on Information and Systems, Vol.E97-D, No.11, pp.2852-2862,2014.
6. Rahoman M., Ichise R.: A Temporal Semantic Facilitated Linked Data Retrieval Framework. JIST'2013, pp.228-243, LNCS 8388, 2013. **[Best Paper]**
7. Rahoman M., Ichise R.: An Automated Template Selection Framework for Keyword Query over Linked Data. JIST'2012, pp. 175-190, LNCS 7774, 2012.

Published Papers Can be Accessed at Site: http://semanticslab.net/

Activity

○ **Session Chair**: Data Mining and Knowledge Discovery Session I at The 11th International Conference on Hybrid Artificial Intelligence Systems, Seville, Spain, 2016
○ **PC Member**: Information Access Research Evaluation Initiative, Chittagong, Bangladesh, 2016

Education

National Institute of Informatics   **Tokyo, Japan**
PhD on Informatics   *2011–2016*
Thesis Title: "Keyword-based Information Retrieval over Enhanced Linked Data"
Majour Courses: Machine Learning, Data Science, Language Parsing, Natural Language Processing, Advanced Information Retrieval etc.

University of Dhaka   **Dhaka, Bangladesh**
MS in Computer Science & Engineering, 1st Class   *2005*

University of Dhaka   **Dhaka, Bangladesh**
BSc in Computer Science & Engineering, 1st Class 9th   *2003*
Major Courses: Algorithm, Logic, Programming Language, Automaton Theory, Graph Theory, Language Parsing, Operating System, Linear Algebra, Calculus I&II, Basic Statistics, Probability Theory etc.

Award

○ Best Research Proposal Award at Sokendai-UST Joint Seminar on Big Data, 2015.
○ Best Paper Award at JIST'2013 Conference, 2013.
○ MEXT Scholarship Japan, 2011.
○ Dhaka University Award 2004 for securing First Class in BSc (Hons).