

Saima Sultana

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EDUCATION

Expected : Masters of Science. Department of Mathematics and Computer Science
defense in University of Quebec at Trois-Rivieres, Quebec, Canada.

April 2017 Title: Detecting Similar Sentences Using NGrams of Characters
(C#, Windows 10). Supervisor: Dr. Ismail Biskri.

2011 : 4-Years B.Sc. Engineering in Computer Science and Engineering (CSE).
Sylhet Engineering College, Shahjalal University of Science and Technology,
Sylhet, Bangladesh.

2007 : Higher Secondary Certificate (HSC) from Kushtia Govt. College, Kushtia,
Jessore, Bangladesh.

2005 : Secondary School Certificate (SSC) from Kushtia Govt. Secondary Girls'
School, Kushtia, Jessore, Bangladesh.

RESEARCH AND PROFESSIONAL EXPERIENCE

2015 : Graduate Research Assistant.

(3 months) Department of Modern Language and Translation University of Quebec at
Trois- Rivieres, Quebec, Canada.

Content Word precision Algorithm testing phase, Programming Project in
Python based on "A Universal Model for Detection and Localization of four
Meaning-based Translation Errors" (Python, Windows 7).

2011 : B.Sc. Eng. Research Project, Sylhet Engineering College, Shahjalal University
(Six months) of Science and Technology, Sylhet, Bangladesh (MATLAB, Windows 7).
Title: Unsupervised Object Category Recognition from Image Datasets.

PROJECTS:

- Simulator tools to test the level of the Mann–Whitney U test as well as Student's t-test using normal, exponential and also double-exponential (Laplace) distribution (MATLAB, Windows 10).
- PCA (principal component analysis) analyzer of a dataset (MATLAB, Windows 10).
- Automatic text summarizing tools of a large script getting from PDF, web-pages, text files etc. (C#, Windows 10).
- Testing tools of a project – Unit testing (JUnit & CodePro AnalytiX) as well as Maven Integration Testing (Eclipse, Windows 10).
- Build own portfolio using HTML5, CSS3, Asp.net. Website: <http://www.saima-portfolio.somee.com/> or <http://saima-portfolio.webutu.com/>

PUBLICATION

- Saima Sultana, Syeda Oshishee Rahman, Md. Alamgir Hossain, Unsupervised Object Category Recognition from Image Datasets. Nova Explore Publications - Nova Journal of Engineering and Applied Sciences, April 2014. Vol 2(4) (PII: S229279211400015-2): p. 1-14.

SCHOLARSHIPS, AWARDS & FELLOWSHIPS

- 2015 : Scholarship exemption tuition fees for foreign students (No. Contest: 0900-01)
(Winter) from University of Quebec at Trois-Rivieres, Trois-Rivieres, QC, Canada (5226\$).
- 2015 : Scholarship exemption tuition fees for foreign students (No. Contest: 0900-02) from
(Summer) University of Quebec at Trois-Rivieres, Trois-Rivieres, QC, Canada (3919\$). Donor:
Ministry of Education, Recreation and Sports.
- 2015 : Scholarship exemption tuition fees for foreign students (No. Contest: 0900-03) from
(Autumn) University of Quebec at Trois-Rivieres, Trois-Rivieres, QC, Canada (4024\$). Donor:
Ministry of Education, Recreation and Sports
- 2016 : Scholarship Exemption tuition fees for foreign students (No. Contest: 0900-01) from
(Winter) University of Quebec at Trois-Rivieres, Trois-Rivieres, QC, Canada (4024\$). Donor:
Ministry of Education, Higher Education and Research
- 2016 : Scholarship Exemption tuition fees for foreign students (No. Contest: 0900-02) from
(Summer) University of Quebec at Trois-Rivieres, Trois-Rivieres, QC, Canada (1341\$). Donor:
Ministry of Education, Higher Education and Research

TECHNICAL SKILLS

- C#
- Java (JUnit, CodePro AnalytiX, Maven Integration Testing)
- Python (NLTK toolkit)
- Oracle 10g & 12c.
- CCNA
- Text Mining
- MATLAB
- Classification
- Image Processing
- Pattern Recognition
- Machine Learning
- Ubuntu / Windows 7 & 10

VOLUNTEER/EXTRACURRICULAR ACTIVITIES

Volunteer : ICT expert of Aloasha Technical Support Society (ATSS) Bangladesh. (ATSS Worker works for the education and social welfare of underprivileged child with the joint contribution of Aloasha Technical Support Society, Japan).

Web site: http://bd.aloasha.org/agrotech/?page_id=11

Maintained : ATSS organizations Aloasha School (bd.aloasha.org/school) and Aloasha Agrotech web site. (bd.aloasha.org/agrotech)

REFERENCE

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