

RABIUL AWAL

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EDUCATION

Master of Science Computer Science University of Saskatchewan (Overall grade 88%)	01/2021 – Present <i>Saskatoon, Canada</i>
Bachelor of Science Computer Science Noakhali Science and Technology University	05/2014 – 12/2018 <i>Noakhali, Bangladesh</i>

WORK EXPERIENCE

Machine Learning Intern MITACS Accelerate Program, Living Sky Technologies	03/2022 – 09/2022 <i>Saskatoon, Canada</i>
<ul style="list-style-type: none">Developed scientific document summarization models, modified standard Transformers to support long input sequences, and integrated domain adaptive training.	
Research Student SocialAI.Studio Lab, Singapore University of Technology & Design	06/2020 – Present <i>Singapore</i>
<ul style="list-style-type: none">Worked on deep RNNs, Transformers, and multilingual NLP for tackling hate speech and misinformation.Published 4 papers at BIGDATA22, PAKDD21, EMNLP20 (NLP+CSS), ICWSM-DC21.	
Software Engineer Goava Sales Intelligence AB [Startup], Data Team	01/2019 – 12/2020 <i>Dhaka, Bangladesh</i>
<ul style="list-style-type: none">Worked on 10+ scalable microservices and REST APIs using Flask, Lambda, API Gateway.Contributed to the Discover and Find Companies APIs, which generate leads from 3M+ profiles.Worked on refactoring data structures for indexing and searching big data using Elastic Search.Worked on a distributed crawler (Nutch, AWS EMR, Hadoop) that crawled thousands of websites a day.	

PUBLICATION

- MUSCAT: Multilingual Rumor Verification in Social Media Conversations under review at COLING22
- AngryBERT: Joint Learning Target and Emotion for Hate Speech Detection, by **Md Rabiul AWAL**, Rui CAO, Roy Ka-Wei LEE and Sandra MITROVIC, *PAKDD'21*
- I miss you babe: Analyzing Emotion Dynamics During COVID-19 Pandemic, by Hui Xian Lynnette NG, Roy Ka-Wei LEE and **Md Rabiul AWAL**, *NLPCCS'20*
- On Analyzing Annotation Consistency in Online Abusive Behavior Datasets, by **Md Rabiul AWAL**, Rui CAO, Roy Ka-Wei LEE and Sandra MITROVIC, *ICWSM-DC'20*

SKILLS

Languages: Python, C++
Database: MySQL, NoSQL (Elasticsearch)
AWS: Sage Maker, Lambda, API Gateway, SQS, EMR, DynamoDB, EC2, S3
Framework: Flask
Bigdata & ML: Hadoop, Apache Nutch, Pytorch, Tensorflow
Tools: Git, Bash, Linux, Vim

MISC

- Founder** – NLPDhaka, grass-root community for fostering ML in Bangladesh [website] 01/2021 – Present
- Graduate Teaching Fellowship @UofS, Canada 2021
- President** – Computing Club @NSTU, Noakhali, Bangladesh 01/2017 – 06/2018
- 1st place at NSTU Intra University Programming Contest, Dhaka, Bangladesh 2016
- 3rd place at CoU Regional Programming Contest (CoURPC), Comilla, Bangladesh 2015