TAKRIM RAHMAN ALBI

Data Scientist | Software Engineer

@ takrim.rahman.albi@g.bracu.ac.bd   📞 +880-1625212429

📍 Mirpur-12, Dhaka- 1216, Bangladesh   🌐 takrim-rahman-albi.github.io/

in takrim-rahman-albi   🐙 Alvi-Rahman

EXPERIENCE

Software Engineer
Go Zayaan

📅 March 2020 – Ongoing   📍 Dhaka, Bangladesh

Mentor | Data Scientist
Omdena

📅 April 2021 – Ongoing   📍 Remote, United States

Data Scientist and Python Developer
Codeware Limited

📅 August 2020 – March2020   📍 Dhaka, Bangladesh

CO-CURRICULAR ACTIVITIES

- Member at youth Moch Parliament (2016)
- Design For Change (BRAC University RS Activity)

PROJECTS

Data Science and AI Projects :

Paraphrase Tool Using Neural Machine Translation

🐙 Alvi-Rahman/Paraphrase-Tool-NMT

Omdena- Road Safety in Bangladesh

🐙 OmdenaAI/omdena-bangladesh-roadsafety

Deep Learning Projects (DeepLearning.ai)

🐙 Alvi-Rahman/Deep-Learning-Coursera—deeplearning.ai

GAN Projects

🐙 Alvi-Rahman/GAN-Specialization

Natural Language Processing (Coursera)

🐙 Alvi-Rahman/Natural-Language-Processing-Specialization

Computer Vision Projects

🐙 Alvi-Rahman/Computer-Vision-with-OpenCV-and-Python

PROFILE

Having a curious mind and always willing to learn, I am an enthusiastic Data Scientist who is ready to take challenges and provide something state of the art using my skills and expertise not only to the Science community but also to the business domain.

EDUCATION

BSc. in Computer Science and Engineering
BRAC UNIVERSITY

📅 2016 – 2020   📍 Dhaka, Bangladesh

CGPA - 3.54 out of 4

SKILLS

Programming

- Strong Knowledge In Data Structure and Algorithms
- Experience in Programming Contest
- Problem Solving and Critical Thinking

Data Science

Experienced in:
- ML and DL algorithms from scratch
- Data Pre-processing, creating Data and Model Pipelines, EDA, Graph Analytics
- DNNs, Computer Vision, Sequence, Attention and Transformers models, GANs
- Hyper Parameter Tuning and Optimization
- Specialized in Deep Learning Frameworks such as Tensorflow, Keras, PyTorch, Trax
- Scikit-learn, Numpy, Pandas, Matplotlib, Seaborn, NetworkX, OpenCV, Pillow, SpaCy, NLTK, Nilearn, Hadoop and Spark
- Deploying AI models

Development

- Django, Flask, React, Node, Bootstrap
- RESTful APIs, Serializers, DRF
- All social app authentication/authorization, GraphAPI, social permissions and apps
- Mysql, MongoDB, Postgres, Firebase
- Docker, Git, Nginx, Apache, AWS

Stanford Machine Learning (Coursera)

○ Alvi-Rahman/Coursera-Machine-Learning-Andrew-Ng

Tensorflow in Practice (Coursera)

○ Alvi-Rahman/Tensorflow_in_practice_Coursera

Self Driving Car Projects

○ Alvi-Rahman/Self-Driving-Car-Specialization

AI for Medicine Projects

○ Alvi-Rahman/AI-for-Medicine-Coursera

Natural Language Processing Projects

○ Alvi-Rahman/NLP—Natural-Language-Processing-with-Python

Python Data Science (Scikit-Learn and ML)

○ Alvi-Rahman/Python_Data_Science_and_Machine_Learning

Development Projects :

Go Zayaan Backend

🌐 gozayaan.com

All Social Media Under One Platform

🌐 idesk360.com

Tech Review Site

🌐 www.gsmriders.com

Project Likhoni (Android Based Social Media)

○ Alvi-Rahman/Project_Likhoni_Android

Accounting Software (JAVA)

○ Alvi-Rahman/Accounting_Software_JAVA

Some Other Mentionable Projects :

CAT-Chain : A Blockchain Based Categorical Information Transaction And Depository Framework

○ Alvi-Rahman/CAT-Chain

Some Solutions for Online Judge Problems

○ Alvi-Rahman/Programming_Contest_Problem_Solve

PUBLICATIONS

- **Honorable Mention Award** ACM CSCW 2020: *Learning from Tweets: Opportunities and Challenges to Inform Policy Making During Dengue Epidemic.* Proc. ACM Hum.-Comput. Interact. 4, CSCW1, Article 065 (May 2020) DOI:https://doi.org/10.1145/3392875

ACHIEVEMENTS

🏆 **1st Runners UP (MUJIB BORSHO IT CARNIVAL 2020- DIU)**
View Certificate

CERTIFICATIONS

🏆 **Deep Learning Specialization**
View Certificate

🏆 **Generative Adversarial Networks (GANs) Specialization**
View Certificate

🏆 **BIG DATA Specialization**
View Certificate

🏆 **Self-Driving Car Specialization**
View Certificate

🏆 **TensorFlow Developer**
View Certificate

🏆 **AI for Medicine Specialization**
View Certificate

🏆 **Stanford Machine Learning Coursera**
View Certificate

🏆 **Natural Language Processing Specialization**
View Certificate

🏆 **AI For Everyone**
View Certificate

🏆 **AWS Fundamentals: Going Cloud-Native**
View Certificate

🏆 **BIRDS Workshop**
View Certificate

REFERENCES

Prof. Sriram Chellappan, Ph.D
@ University of South Florida
✉ sriramc@usf.edu
🌐 csee.usf.edu/~sriramc/

Prof. A. B. M. Alim Al Islam, PhD
@ Bangladesh University of Engineering and Technology
✉ alim_razi@cse.buet.ac.bd
🌐 sites.google.com/site/abmalimalislam/