

TAKRIM RAHMAN ALBI

Data Scientist | Software Engineer

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takrim-rahman-albi Alvi-Rahman



EXPERIENCE

Software Engineer

Go Zayaan

March 2020 – Ongoing Dhaka, Bangladesh

Mentor | Code Quality Assurance

DeepLearning.ai

August 2021 – Ongoing Remote, United States

Mentor | Data Scientist

Omdena

April 2021 – Ongoing Remote, United States

Data Scientist and Python Developer

Codeware Limited

August 2020 – March 2020 Dhaka, Bangladesh

CO-CURRICULAR ACTIVITIES

- Member at youth Moch Parliament (2016)
- Design For Change (BRAC University RS Activity)
- Conducted various AI and ML workshops in *Data Science For Good* community

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

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

Natural Language Processing (Coursera)

 [Alvi-Rahman/Natural-Language-Processing-Specialization](#)

Computer Vision Projects

 [Alvi-Rahman/Computer-Vision-with-OpenCV-and-Python](#)

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

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

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