

# 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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🌐 [sites.google.com/site/abmalimalislam/](https://sites.google.com/site/abmalimalislam/)