

# TAKRIM RAHMAN ALBI

## Data Scientist | Software Engineer

@ takrim.rahman.albi@g.bracu.ac.bd    +880-1625212429  
📍 Mirpur-12, Dhaka- 1216, Bangladesh    🌐 innovative-everyday.com  
🌐 takrim-rahman-albi.github.io/    🌐 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 – March 2020    📍 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

#### 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

#### Stanford Machine Learning (Coursera)

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

## 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
- Expert in JAVA, Python, PHP, JavaScript, C++, MongoDB, SQL, Django, React, NodeJS

### Data Science

Experienced in building:

- ML and DL algorithms from scratch
- Data Pre-processing, creating Data and Model Pipelines and EDA
- DNNs, Computer Vision, Sequence, Attention and Transformers models
- 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

## 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](#)

### Full Stack Developer of Personal Blog and Content Writer

 [www.innovative-everyday.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)**

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## 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](mailto:sriramc@usf.edu)

🌐 [csee.usf.edu/~sriramc/](https://csee.usf.edu/~sriramc/)

**Prof. A. B. M. Alim Al Islam, PhD**

@ Bangladesh University of Engineering and Technology

✉ [alim\\_razi@cse.buet.ac.bd](mailto:alim_razi@cse.buet.ac.bd)

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