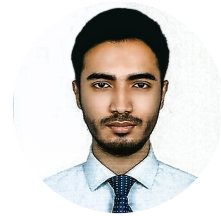


TAKRIM RAHMAN ALBI

Software Engineer | Data Scientist

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📍 Mirpur-12, Dhaka- 1216, Bangladesh 🌐 innovative-everyday.com
🌐 takrim-rahman-albi.github.io/ 🌐 takrim-rahman-albi 🌐 Alvi-Rahman



EXPERIENCE

Software Engineer

UPAY (UCB Fintech Company Ltd)

📅 December 2021 – Ongoing 📍 Dhaka, Bangladesh

Software Engineer

Go Zayaan

📅 March 2021 – December 2021 📍 Dhaka, Bangladesh

Mentor | CQA

DeepLearning.AI

📅 August 2021 – Ongoing 📍 Remote, United States

Mentor | Data Scientist

Omdena

📅 April 2021 – Ongoing 📍 Remote, United States

Software Engineer

Codeware Limited

📅 August 2020 – March 2021 📍 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

Development Projects :

Upay Backend

🌐 upaybd.com 🤖 Android 🍏 IOS

Go Zayaan Backend

🌐 gozayaan.com 🤖 Android

All Social Media Under One Platform

🌐 admin.idesk360.com 🌐 app.idesk360.com

Tech Review Site

🌐 gsmriders.com

PROFILE

Building highly secured, scalable, and consistent modern distributed software systems, I am an enthusiastic software engineer who is ready to take challenges and provide something state-of-the-art 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

Software and System Engineering

- Design Microservices, Monolithic, SOA, Distributed, Financial Systems and SDKs
- Usage of Load Balancing, Elastic Search, MQ, Hashing, Pub-Sub model, Task Scheduling, Signal, Transaction and Caching
- Django, Flask, React, Node, Bootstrap
- Database Design, Optimization with ORM, RDBMS and No-SQL (MongoDB, Firebase)
- Token Based authentication, authorization, permission and social app management
- Build Fast, Efficient, Scalable and Secured Software Systems.
- Design and implement RESTful and SOAP APIs with Serialization
- DevOps, Git Expert, CI/CD and Deploy
- Expertise In Complex Data Structure and Algorithms

Data Science

Experienced in:

- ML and DL algorithms from scratch
- Data Pre-processing, creating Data and Model Pipelines, EDA, Graph Analytics
- 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

Full Stack Developer of Personal Blog and Content Writer

 innovative-everyday.com

Cleaning Service Shop

 Alvi-Rahman/Friendly-Neighbourhood-Shop

Simple To-Do App Using Django-Rest Framework

 Alvi-Rahman/TODO-APP

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

Stanford Machine Learning (Coursera)

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

Tensorflow in Practice (Coursera)

 Alvi-Rahman/Tensorflow_in_practice_Coursera

Python Data Science (Scikit-Learn and ML)

 Alvi-Rahman/Python_Data_Science_and_Machine_Learning

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

 Alvi-Rahman/LeetCode_Solve

PUBLICATIONS

- Honorable Mention Award in 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

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🌐 sites.google.com/site/abmalimalislam/