MD. ASIF IQBAL FAHIM

Kaggle Expert | NLP Mentor | Computer Vision Researcher | Backend Developer

@ asif.iqbal.fahim.bd@gmail.com   Portfolio: https://aifahim.github.io/   linkedin.com/in/aifahim   github.com/AIFahim

k kaggle.com/AIFahim   datascience.stackexchange.com/users/109134/aifahim   https://scholar.google.com/citations?user=O3FCNKkAAAAJ

EDUCATION

B.Sc. in Computer Science and Engineering
Green University of Bangladesh

📅 Sep 2017 – Feb 2021

- **CGPA: 3.57 out of 4.00 |** Ranked 2nd in Batch | Received (2 times) **Dean Awards** for excellent Academic Performance.

EXPERIENCE

NLP Specialization Mentor & Alpha Tester
Deeplearning.AI - Coursera Platform

📅 February '21 – May '21 | July '21 - Present

- Support new learners & Providing feedback to course staffs. Course curriculum alpha testing before published to the coursera.

Data Scientist - Independent Contractor
Ilekun Health - US Startup Company

📅 May 2021 – July 2021

- Aggregate NYC borough's dentist data by web scraping (**Selenium & Scrapy**), Data cleaning(**R**), Predictive modeling.

Junior Research Assistant
Research Hub - Non Profit Organization

📅 Sep 2021 – Present

- Research on Efficiently Convert Time Series Data to Image & Deep learing Modeling for Credit Card Fraud Detection.

Data Science & Business Analytics - Intern
The Sparks Foundation

📅 Oct 2021 – Nov 2021

- Performed **EDA & Predictive Modeling** with ML Algorithms.

Machine Learning Developer - Intern
Technocolabs

📅 Oct 2021 – Nov 2021

- Build **Predictive Modeling** for Predict Spotify Track Skips.

Data Science - Trainee
CRIDA - Canada based organization

📅 March 2021 – June 2021

- Build neural machine translation model with **Pytorch & Keras frameworks**.

Android Programmer - Intern
SDMGAP Project (Govt. Project)

📅 November 2019 – May 2020

- Worked with **MVVM Pattern , Rest API , Firebase , MLKit , Google Sceneform** in **fast-paced environment**, wrote maintainable and **reusable Java and Kotlin Code**.

Core Team-member & Contributor
International AI-based Dhaka Traffic Detection Challenge

📅 October 2020 – December 2020

- Responsible for data **acquisition** & contribute **Flask JSON Web Token** in Competition Website for Security .

HACKATHONS

Nasa Space Apps Challenge '20
Champion | Global Nominee   (LINK)

Nasa Space Apps COVID-19 Challenge '20
Honorable | Global Problem Solver.   (LINK)

Facebook Messaging Hackathon '20
Honourable | Swag.   (LINK)

Nasa Space Apps Challenge '19
Top 40 in Regional | Honorable.   (LINK)

COVID-19 Global Hackathon 2.0
Honorable   (LINK)

TOP PROJECTS

Camera Beautify - AI Face Recognized Android Application

- Bangladeshi traditional AI based Camera Stickers & Face Beautify Android App made with backend model tflite version of Mobilenet SSD , OpenCV & Android Components.

New Connection Chat Bot

- Python backend conversational Telegram Chat Bot for help depressed peoples. Google Dialogflow integrated into the software to became more intelligent.

Customer Car Purchased Group Classification and Prediction

- Support Vector Machine on Tabular Dataset contains Gender, Age & Estimated Salary attributes for Predicts various of Car Purchased Group. Project involves data preprocessing, Feature Scaling, and Statistical Analysis Like confusion metrics.

Rest 14 projects are listed :
https://aifahim.github.io/#project

ACADEMIC RESEARCH

- **Md. Asif Iqbal Fahim**, Feroza Naznin, Mohammad Ali Moni and Dr. Md Zahidul Islam,**"Improved Transfer Learning Architecture to Classify Covid-19 Affected Chest X-Rays using Noisy Student Pre-training,"** ICIEV & ICIVPR, JAPAN.

ML ACHIEVEMENTS & ACTIVITIES

- **Kaggle Expert** - Datasets Expert: Ranked 344th out of 40K experts & Discussion Expert : Ranked 662th out of 186K experts. **Top 10%** among all the Kaggler.
- **G2Net Gravitational Wave Detection, Kaggle** - **Bronze Medal** Rank in Top 10%
- **Bristol-Myers Squibb – Molecular Translation, Kaggle** - Rank in Top 13%
- **Cassava Leaf Disease Classification, Kaggle** - Rank in Top 16%
- **Dhaka AI Traffic Challenge, GUB**- Finished at 45th
- **Top 6%** Contributor to **Data Science Stack Exchange** this year.
- AWS Machine Learning Scholarship Program, Udacity - **Scholar**

TECHNICAL SKILLS

- **Languages:** Python, , R, Java, Kotlin, C/C++, JavaScript
- **Lib/Frameworks:** TensorFlow, Pytorch , React, jQuery, Flask, JUnit
- **Tools:** Google Colab Environment, Kaggle Environment, Android Studio IDE, Pycharm , VS Code
- **Platforms:** Google Cloud Platform, , Heroku , AWS
- **Databases:** SQL, Cloud Databases

PROBLEM SOLVING ACTIVITIES

- CSE CARNIVAL ,GUB 18 & 19 - **Champion**
- ACM International Collegiate Programming Contest '18 & '19 - **Honorable**
- National Collegiate Programming Contest '20 , MIST - **Honorable**
- IUPC SUST '19 - Ranked 27th
- Inter University Programming Contests : BUET '18 , GUB '18 and RUET '19. - **Honorable**

CERTIFICATIONS

- Deep Learning Specialization , DEEPLEARNING.AI, Coursera.
- Tensorflow Developer Specialization,DEEPLEARNING.AI Coursera.
- AI for Medicine Specialization , DEEPLEARNING.AI, Coursera.
- Generative Adversarial Networks (GANs) Specialization , DEEPLEARNING.AI, Coursera.
- Natural Language Processing Specialization , DEEPLEARNING.AI, Coursera.
- Intro to ML: Image Processing , Qwiklabs.
- Intro to ML: Language Processing , Qwiklabs.
- Android App Development Specialization , Vanderbilt University, Coursera.

ADMINISTRATIVE EXPERIENCE

- **Advisor**, IEEE GUB Student Brach
- **Programming Secretary**, Green University Programming Club
- **Joint General Secretary**, Green University Reading Society

VOLUNTARY EXPERIENCE

- **Volunteered Programming Instructor**, Green University Programming Club
- **Academic Student Mentor**, Green University of Bangladesh
- Participated in **Inter University Parliamentary Debate Competition**.

SOFT SKILLS

Leadership, Ability to Work Under Pressure, Decision Making, Time Management, Adaptability, Teamwork, Creativity

LANGUAGES

English,Bengali   ●●●●●