

# MOHAMMAD BADHRUDDOUZA KHAN

Machine Learning Practitioner | Data Analyst

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## SKILLS

### MACHINE LEARNING

Python TensorFlow Keras Pytorch PyCaret MLflow  
DAGsHub FastAPI Flask

### DATA ANALYTICS

Python SQL Pandas Matplotlib Tableau Power BI  
Excel

### FRONT END DEVELOPMENT

ReactJS JavaScript Bootstrap HTML CSS

## EXPERIENCE

Data Analyst | Excel, Tableau, Python, SQL

ALIF ENTERPRISE SP Z O.O.

April 2022 – Present Poland

- Developed and managed data systems that support company's data analytics
- Conducted data mining to generate insights from structured and unstructured data
- Used data visualization to present findings to internal stakeholders

## PUBLICATIONS

### JOURNALS

- Diagnosis of Diabetic Retinopathy using Deep Learning: Do Segmented Retinal Blood Vessels Produce Better Performance? [Submitted]
- PrivacyPreserveNet: A Privacy Preserving Interpretable Deep Learning Model for Multiple Ocular Diseases Classification [Submitted]
- CropDisNet: Privacy Preserving Interpretable Crops Diseases Classification [Submitted]
- A Comprehensive Survey on Pedestrian Intent Estimation for Autonomous Vehicles [Working]

### CONFERENCE PROCEEDINGS

- Automatic Segmentation and Shape, Texture-based Analysis of Glioma Using Fully Convolutional Network | ACMI 2021
- Predicting AXL Inhibition of Chemicals using Molecular Descriptors and Machine Learning Methods | EICT 2021
- A CNN-based CADx Model for Pneumonia Detection from Chest Radiographs with Web Application | ICSCT 2021
- Feasible Detection of Breast Cancer Metastasis using a CNN-based Deep Learning Model | ICECIT 2021
- A CNN Based Deep Learning Approach for Leukocytes Classification in Peripheral Blood from Microscopic Smear Blood Images | IJCACI 2020
- CNN Based Detection of the Severity of Diabetic Retinopathy from the Fundus Photography using EfficientNet-B5 | IEMCON 2020

## EXTRACURRICULAR ACTIVITIES

President at NeuralNet - Artificial Intelligence Club of KUET

Aug 2022 – Present Khulna, Bangladesh

- Built first artificial intelligence club of my university.
- Conducted a workshop based on drug discovery using machine learning at my university where 40 enthusiasts participated.
- Organised 2 webinars with the help of alumni of my university and member of the club where 90 enthusiasts attended.

## EDUCATION

BS in Biomedical Engineering

Khulna University of Engineering & Technology

Jan 2018 - Present Khulna, Bangladesh

Cum. GPA: 3.2 / 4.0

## RELEVANT COURSES

Google Data Analytics Specialization | Coursera

Credential ID : 4RYVX8898WH7

April 2021 – May 2021

Deep Learning Specialization | Coursera

Credential ID : 53XSJ5NXBJFX

July 2019 – October 2019

## REFERENCES

Dr. Mohiuddin Ahmad

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Dr. Mostafa Zaman Chowdhury

@ Prof. and Head of Department of Biomedical Engineering, Khulna University of Engineering & Technology

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