

Mohammad Badhruddouza Khan

Shib Bari Mor

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Khulna, Bangladesh

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in Mohammad Badhruddouza Khan

Education

2018– **Bachelor of Science in Biomedical Engineering**

Khula University of Enhineering and Technology, Khulna-9203, Bangladesh

CGPA: 3.24/4.00

2015–2017 **Higher Secondary School Certificate**

Hazi Mohammad Mohsin College, Chittagong

GPA: 5.00/5.00

2009–2015 **Secondary School Certificate**

Chittagong Government High School, Chittagong

GPA: 5.00/5.00

Work Experience

April 2022 – Data Analyst at Alif Enterprise Sp Z o.o.

Present

Scholarship

2018–2020 Vocational Scholarship from Khulna University of Engineering and Technology

- A web app based on pneumonia detection from chest x-ray images using convolutional neural network

Project

May 2021 – Pneumonia Detection Web App

July 2021

- A web app based on pneumonia detection from chest x-ray images using convolutional neural network

Skills

Languages C, Python, Matlab, HTML, CSS

Framework Keras, Tensorflow, Pytorch, Flask, Django, MySQL, SQLite

Utilities Tableau, Anaconda, Git, Sublime Text, Jupyter Notebook, Spyder, Latex

Relevant Courses

April 2021 – **Google Data Analytics Specialization**, Coursera

May 2021

- Credential ID : 4RYVX8898WH7

July 2019 – **Deep Learning Specialization**, Coursera
October 2019

- Credential ID : 53XSJ5NXBJFX

Publications

- Mohammad Badhruddouza Khan, Pranto Soumik Saha, Amit Dutta Roy, "Automatic Segmentation and Shape, Texture-based Analysis of Glioma Using Fully Convolutional Network," *2021 International Conference on Automation, Control and Mechatronics for Industry 4.0 (ACMI)*
- Mohammad Badhruddouza Khan, Rahat Shahrior, Ramisa Tasnia Asha, Pranto Soumik Saha, "Predicting AXL Inhibition of Chemicals using Molecular Descriptors and Machine Learning Methods," *2021 5th International Conference on Electrical Information and Communication Technology (EICT)*
- Mohammad Badhruddouza Khan, Md Tobibul Islam, Mohiuddin Ahmad, "A CNN-based CADx Model for Pneumonia Detection from Chest Radiographs with Web Application," *International Conference on Science and Contemporary Technologies (ICSCT) 2021*
- Mohammad Badhruddouza Khan, Pranto Soumik Saha, Rahat Shahrior, "Feasible Detection of Breast Cancer Metastasis using a CNN-based Deep Learning Model," *2021 International Conference on Electronics, Communications and Information Technology (ICECIT)*
- Mohammad Badhruddouza Khan, Tobibul Islam, Mohiuddin Ahmad, Rahat Shahrior, Zannatun Naiem Riya, "A CNN Based Deep Learning Approach for Leukocytes Classification in Peripheral Blood from Microscopic Smear Blood Images," in *Proceedings of International Joint Conference on Advances in Computational Intelligence*, pp. 67-76, May, 2021.
- Mirza Mohd Shahriar Maswood, Tasneem Hussain, Mohammad Badhruddouza Khan, Md Tobibul Islam, Abdullah G Alharbi, "CNN Based Detection of the Severity of Diabetic Retinopathy from the Fundus Photography using EfficientNet-B5," *11th IEEE Annual Information Technology, Electronics and Mobile Communication Conference (IEMCON) 2020*