# Mohammad Badhruddouza Khan

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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: | 3.21/4.00 |
| 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 |

## Scholarship

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

## Project

May 2021 – July 2021   Pneumonia Detection Web App

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

## Skills

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|---|---|
| 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 – May 2021   **Google Data Analytics Specialization**, Coursera

- Credential ID : 4RYVX8898WH7

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

- 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, 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," *2020 11th IEEE Annual Information Technology, Electronics and Mobile Communication Conference (IEMCON)*