Md Abrar Fahim Jaki

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Education

2020–Present **Brunel University London**,
Msc. Data Science and Analytics.

2015–2019 **North South University**,
Bsc. Computer Science and Engineering.

Skills

Data Science	Web Scrapping, Data Cleaning, Feature Engineering, Visualization, Machine Learning
Languages	Python, R
Utilities	Anaconda, Jupyter Notebook, RStudio
Libraries	Numpy, Pandas, Matplotlib, Scikit-learn, dplyr, ggplot2
OS	Linux
Other	Microsoft Excel, Tableau

Interests

Data Science

Machine Learning

Research and Projects

Fall 2020 **Predicting Salary of Baseball players**, *University Project*.
- Data given by University
- EDA
- Finding problems like Heteroskadacity and multicollinarity
- Transforming Data and Select significant feature
- Ended up with better accuracy

Spring 2019 **Automatic Number Plate Recognition System for BRTA Style Number Plate**, *PI Labs, Bangladesh*.
- The project was in top 10 in University capstone Showcase
- Data Augmentation and prepossessing
- Implemented convolutional neural network.
- I have done the recognition part
- Develop an interactive website in Python(Django).
- Project report link

Spring 2019 **The Classification of Students Academic Performance Using Machine Learning**, *Directed Research*.
- Collected Student dataset from kaggle.
- Implemented different classification algorithm to see their accuracy.
- Classification with and without feature selection.
- Compare the accuracy.

Summer 2018 **Population Estimation of Rohingya Refugees**, *Neural Network*, Research.
- Compare between Machine learning based methods and Artificial Neural Net based methods.
- Used google earth engine images for datasets
- My role was to processing CSV data for machine learning
- Found that ANN performs better than machine learning based methods
- Published the work in the form of an article
- Publication link

Summer 2018 **Clustering Students Based on Their Evaluations of Teaching and Teachers**, *Machine Learning*, Research.

- Research for University Machine Learning Course
- Cluster students into different groups based on students data

Summer 2016 **Call of Burger**, *Java*, Project.

- Made a fun java game for university Java course
- Github link: Call of Burger

Blogs

StudyStats , *A Data Science Blog*.

- Blog link: Study Stats
- In my blog I write what I learned new in the field of Data Science

abrarfahim.com , *A Bengali Blog For Higher Studies*.

- Blog link: abrarfahim.com
- In my blog I write about higher studies in bengali language, so that my community get some higher study related resources