YAKIN RUBAIYAT

Patuakhali ◇ Bangladesh

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TECHNICAL STRENGTHS

Domain Expertise	Classification, regression, clustering, feature engineering; Convolutional neural network, data augmentation; Time Series Analysis, Dimension reduction (e.g. PCA);
Programming Languages	C++11/14, Python, Java, C#, MATLAB
Python Package	Numpy, Scipy, IPython, Jupyter, Pandas, Seaborn, Scikit-Learn
Deep Learning	TensorFlow, Keras
Linux Tools	bash, Midnight Commander, nano, grep
Miscellaneous Tools	LaTeX, git, Audacity, Maxima
Languages	Bangla, English

EXPERIENCES

Ankur Undergrad Research Scholarship　　　　　　　　　　Mar 2017 - Present
Research Fellow　　　　　　　　　　　　　　　　　　　　　　　*Portland, USA*

· Automate the pneumonia detection by deep learning.
· Early diabetes prediction using machine learning.

Pet Projects

· Jute plant disease detection.
· Different type of fruit classification.

PUBLICATION

Important Feature Selection & Accuracy Comparisons of Different Machine Learning Models for Early Diabetes Detection　　　　　　　　　　*Dec 2018*
International Conference on Innovation in Engineering and Technology (ICIET)

COMPETITIONS

Microsoft Malware Detection Challenge, Kaggle　　　　　　　　*Mar 2019*
Top 10 percent
Catch me if you can (User identity detection), Kaggle　　　　　*Mar 2019*
Top 5 percent
RSNA Pneumonia Detection Challenge, Kaggle　　　　　　　　*Feb 2019*
Top 13 percent
ACM ICPC Dhaka Regional　　　　　　　　　　　　　　*2016, 2017, 2018*
Onsite competition

EDUCATION

Patuakhali Science and Technology University　　　　　*Jan 2016 - Present*
B.S. in Computer Science & Engineering

SELECTED COURSES

mlcourse.ai by Open Data Science　　　　　　　　　　　　　*Present*
Deep learning specialization by deeplearning.ai　　　　　　　*Nov 2018*
Machine Learning by Stanford University　　　　　　　　　　*May 2018*