

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, MATLAB
Python Package Framework	Numpy, Jupyter, Pandas, Seaborn, Scikit-Learn
Linux Tools	Keras, fast.ai, TensorFlow, Pytorch, Flask
Miscellaneous Tools	bash, Midnight Commander
Languages	Vim, Git, LaTeX
	Bangla, English

EXPERIENCES

Ankur Undergrad Research Scholarship <i>Research Fellow</i>	Mar 2017 - Present <i>Portland, USA</i>
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- Automate the pneumonia detection [\[Github\]](#)
- Early diabetes prediction. [\[yakinrubaiyat.github.io\]](http://yakinrubaiyat.github.io)

EDUCATION

Patuakhali Science and Technology University B.S. in Computer Science & Engineering	<i>Jan 2016 - Present</i>
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PUBLICATION

Important Feature Selection & Accuracy Comparisons of Different Machine Learning Models for Early Diabetes Detection [IEEE]	<i>Dec 2018</i>
International Conference on Innovation in Engineering and Technology (ICIET)	

EXTRA-CURRICULAR ACTIVITY

Microsoft Malware Detection Challenge , Kaggle	<i>Mar 2019</i>
Top 10 percent	
Catch me if you can (User identity detection) , Kaggle	<i>Mar 2019</i>
Top 5 percent	
RSNA Pneumonia Detection Challenge , Kaggle	<i>Feb 2019</i>
Top 13 percent	
ACM ICPC Dhaka Regional	<i>2016, 2017, 2018</i>
Onsite competition	
Nepal National Programming Camp	<i>Jan 2018</i>
Instructor	<i>Kathmandu, Nepal</i>
Pet Projects	
· Multiplayer tic tac toe game.(C#) [Github]	
· Different type of fruit classification.	<i>July 2017</i>

SELECTED COURSES

mlcourse.ai by Open Data Science	<i>April 2019</i>
Deep learning specialization by deeplearning.ai	<i>Nov 2018</i>
Machine Learning by Stanford University	<i>May 2018</i>