

ABDULLAH AL IMRAN

Enthusiasm . Dedication . Perseverance

+880 1673 780365

[abdalimran.github.io](https://github.com/abdalimran)

abdalimran@gmail.com

[linkedin.com/in/abdalimran](https://www.linkedin.com/in/abdalimran)

OBJECTIVE

Passionate Data Science and Machine Learning professional with solid technical, theoretical and critical thinking skills. Aspiring for a dynamic position as a Data Scientist or Machine Learning Engineer, where I can apply my 2.5 years of hands-on experience to empower the company achieve its business goals.

EDUCATION

Apr 2018 **B.Sc. in Computer Science and Engineering**

Jan 2014 *American International University-Bangladesh*

CGPA: 3.51 out of 4.00 (>85%)

Relevant Courses: Artificial Intelligence and Expert System, Computer Vision and Pattern Recognition, Data Warehousing and Data Mining, Human Computer Interaction, Statistics and Probability, Diff. Calculus and Coordinate Geometry, Integral Calculus and Ord. Diff. Equation, Matrices, Vectors and Fourier Analysis, Research Methodology.

EXPERIENCE

Current **Data Scientist**

Sept 2019 *Robi Axiata Limited*

Project: Gross Addition Optimization and Automation

Responsibilities: Developed different Time Series forecasting models with seasonal decomposition, performed non-linear optimization for revenue maximization, and quality retailer segmentation on large scale data to optimize the number of new customer acquisition and increase the total revenue of Robi by 5 Bil (approx.) in a year.

Oct 2019 **Data Science Trainer**

May 2019 *Divine IT Limited*

Responsibilities: Providing Applied Data Science training to 50 IT professionals for the Kaliakoir Hi-Tech Park project of the Bangladesh government. Built a rigorous course curriculum for Applied Data Science focusing on the industry demands and hands-on projects.

Mar 2019 **Research Assistant**

Dec 2017 *Data and Design Lab, University of Dhaka*

Supervisor: Dr. Moinul Islam Zaber

Responsibilities: Worked on "Electricity Data Analysis Project" funded by [LIRNEasia](#) and DnD Lab. Performed predictive modeling, visualizations and statistical analysis on heterogeneous datasets. Worked on recording experimental data, making presentations and reports. Developed applications and tools for data collection and preprocessing.

Apr 2018 **Teaching Assistant**

Feb 2018 *Faculty of Science & Information Technology, American International University-Bangladesh*

Supervisor: Md Shamsur Rahim

Responsibilities: Provided assistance to the course teacher in designing the course, constructing tests, preparing class materials, and grading assignments. Provided guide and support to the students inside the Lab. Performed research and different experiments with the supervisor.

TECHNICAL SKILLS

Programming Languages:	Python, R, Java SE, C++, C#, Matlab
Data Analysis Tools:	Pandas, NumPy, SciPy, statsmodels, PyMC3
Machine Learning Tools:	scikit-learn, PyTorch, Tensorflow, NLTK, FBProphet
Visualization Tools:	Tableau, Matplotlib, Seaborn, Plotly, Bokeh, ggplot, Shiny, D3.js
Database Systems:	MySQL, PostgreSQL
Cloud Platforms:	Google Cloud Platform (GCP), Amazon Web Services (AWS)
Big Data Tools:	Apache Spark (PySpark, Spark SQL, MLlib), Hadoop, Airflow
Development Skills:	Flask, Android, Web Technologies (PHP, JS, HTML, CSS)
Version Control:	Git, SVN
Operating Systems:	Ubuntu, Windows, Linux Mint

TOP 10 PUBLICATIONS

- [1] Abdul Bari Parves, Abdullah Al Imran, Md. Riazur Rahman, “*Incorporating Supervised Learning Algorithms with NLP Techniques to Classify Bengali Language Forms.*”, International Conference on Computing Advancements, Dhaka, Bangladesh, 2020.
- [2] Abdullah Al Imran, Md. Shamsur Rahim, Tanvir Ahmed, “*Mining the Productivity Data of Garment Industry*”, International Journal of Business Intelligence and Data Mining.
- [3] Abdullah Al Imran, Md Nur Amin, Md. Rifatul Islam Rifat, Shamprikta Mehreen, “*Deep Neural Network Approach for Predicting Productivity of Garment Employees*”, International Conference On Control, Decision And Information Technologies, Paris, France, 2019.
- [4] Md Rifatul Islam Rifat, Abdullah Al Imran and A. S. M. Badrudduza, “*EduNet: A Deep Neural Network Approach for Predicting CGPA of Undergraduate Students*”, International Conference on Advances in Science, Engineering and Robotics Technology, 2019.
- [5] Abdullah Al Imran, Md. Rifatul Islam Rifat, Rafeed Mohammad, “*Enhancing the Classification Performance of Lower Back Pain Symptoms Using Genetic Algorithm Based Feature Selection*”, International Joint Conference on Computational Intelligence, 2018.
- [6] Zaman Wahid, A.K.M Zaidi Satter, Abdullah Al Imran, Touhid Bhuiyan, “*Predicting Absenteeism at Work Using Tree-Based Learners*”, International Conference on Machine Learning and Soft Computing (ICMLSC), 2019.
- [7] Abdullah Al Imran, Md Nur Amin, Fatema Tuj Johora, “*Classification of Chronic Kidney Disease using Logistic Regression, Feedforward Neural Network and Wide & Deep Learning*”, International Conference on Innovation in Engineering and Technology (ICIET), 2018.
- [8] Md Rifatul Islam Rifat, Abdullah Al Imran, A. S. M. Badrudduza, “*Educational Performance Analytics of Undergraduate Business Students*”, International Journal of Modern Education and Computer Science(IJMECS), Vol.11, No.7, pp. 44-53, 2019.DOI: 10.5815/ijmecs.2019.07.05
- [9] Siam Rafsunjani, Rifat Sultana Safa, Abdullah Al Imran, Md. Shamsur Rahim, Dr. Dip Nandi, “*An Empirical Comparison of Missing Value Imputation Techniques on APS Failure Prediction*”, International Journal of Information Technology and Computer Science (IJITCS), Vol.11, No.2, pp.21-29, 2019. DOI: 10.5815/ijitcs.2019.02.03
- [10] Abdullah Al Imran, Ananya Rahman, Humayoun Kabir, Shamsur Rahim, “*The Impact of Feature Selection Techniques on the Performance of Predicting Parkinson’s Disease*”, International Journal of Information Technology and Computer Science (IJITCS), Vol.10, No.11, pp.14-29, 2018. DOI: 10.5815/ijitcs.2018.11.02

AWARDS AND ACHIEVEMENTS

- 2019 *1st Runner Up* at Robi-Axiata Datathon 2019, Dhaka
- 2016 *2nd Runner Up* at National Hackathon, Dhaka
- 2015 *Champion* at Islamic University of Technology 7th National ICT Fest, Dhaka
- 2015 *Champion* at Dhaka University IT Society 4th National Campus IT Fest, Dhaka
- 2015 *Runner Up* at 1st Jahangirnagar University IT Society National Campus IT Fest, Dhaka
- 2014 *Champion* at 3rd National Dhaka University IT Society-ERICSSON Campus IT Fest, Dhaka

LEADERSHIP AND VOLUNTEER ACTIVITIES

- 2015-2018 *Member and Volunteer* at American International University-Bangladesh Computer Club
- 2014-2014 *Webmaster* at IEEE American International University-Bangladesh Student Branch
- 2013-2014 *Firefox Student Ambassador* at Mozilla Foundation
- 2012-2013 *Head of ICT* at Dhaka College Science Club (DCSC), Dhaka, Bangladesh

NOTABLE EXPERIENCES

- Competitions Contributor at Kaggle
- Semi-finalist at UNCDF Financial Inclusion Data Hackathon, 2019, BICC, Dhaka, Bangladesh
- Finalist at Youth Innovation Challenge, 2016, UNDP Bangladesh
- Participated on 2 national programming contests: BUET IUPC, 2015 and SUB IUPC, 2015, Dhaka
- Solved 500+ programming problems on Uva, SPOJ, HackerRank, and Codeforces

REFERENCES

Dr. Tanvir Ahmed
Lecturer
Department of Computer Science
University of Central Florida
✉ tanvir.ahmed@ucf.edu
☎ +13016752820

Md Shamsur Rahim
Lecturer
Business Information Systems
Australian Institute of Higher Education
✉ s.rahim@aih.nsw.edu.au
☎ +61459726215