

SADIA JAMAL



Contact

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Summary

Fresh Graduate from Daffodil International University. Under-graduation subject is Computer Science and Engineering.

Inquisitive, hard-working and consistent. Looking for internship/real-life work opportunities where I can apply my skills and contribute to real-world projects.

Technical Skills

Languages : Python, JavaScript, HTML/CSS, C.

IDE/Tools : Android Studio, Netbeans, Py-Charm, PhpStorm, Anaconda, Codeblocks, Visual Studio Code, GitHub, Google Colab, MySQL Workbench, phpMyAdmin, Tinkercad.

Database Systems : MySQL, SQLite, Access.

Library/Frameworks : Keras, TensorFlow, OpenCV, Bootstrap, jQuery, Laravel

Operating Systems : Windows 10, Linux

Others : MS Office (Word, Excel, PowerPoint etc.)

Projects

Portfolio project : Live at : <https://sadiajamal.github.io/>

Programmed With : HTML, CSS3, JS.

Weather Status Prediction of Dhaka city using Machine learning

A machine learning model that predicts tomorrow's temperature of Dhaka city. This model is built with Linear Regression, Logistic regression and Naïve Bayes Classifier.

Programmed With : Python.

Forest Fire Analysis using ML

This work is on Brazilian Forest Fire. The model is built with K-means Clustering, Fuzzy C-means and Apriori Algorithm. The model is able to show the states which are in risk of fire, based on previous data.

Programmed With : Python.

Credit Card Fraud Detection

This model can detect fraudulent credit card transactions so that customers are not charged for items that they did not purchase. The model is built on Linear Regression, Logistic regression and K-means Clustering.

Programmed With : Python.

DIU Charity Arcade

A crowd funding website which is for disaster affected people. People can donate money, blood, cloths, medicines etc. for those who are in need.

Programmed With : PHP, Laravel, HTML, CSS3.

Relevant Courses

- Compiler Design
- Introduction to Bio-Informatics
- Operating Systems
- Computer Graphics
- Embedded Systems
- Robotics
- Introduction to Database Management Systems

Languages

Bangla, English.

Common Disease Solution

An android application developed with Java. This application contains some common disease symptoms and their emergency solutions.

Programmed With : JAVA.

Education

Bachelor of Science : **Computer Science and Engineering** - 2020
Daffodil International University, Dhaka

Higher Secondary School Certificate : **Science Division** - July 2014
Hizla Degree College, Barisal

Secondary School Certificate: **Science Division** - April 2012
DR. Khadem Hossain High School, Barisal

Research Publications

Sadia Jamal, Tanvir Hossen Bappy, Roushanara Pervin, and AKM Shahariar Azad Rabby, "Weather Status Prediction of Dhaka city using Machine learning", **International Conference on Computational Methods and Data Modeling (2020)**, India.

Sadia Jamal, Tanvir Hossen Bappy, and AKM Shahariar Azad Rabby, "Brazilian Forest Fire Analysis: An Unsupervised Approach", **International Conference on Computing and Communication (2020)**, India.

Certifications

Programming Foundations With JavaScript, HTML and CSS : Verify at :
<https://coursera.org/share/757d9469e7d3853faa24e8e4f8f4cc95>

Interactivity with JavaScript : Verify at :
<https://coursera.org/share/d09edd921e1e0278c660f14d3a7515f9>

Grammar and Punctuation : Verify at :
<https://coursera.org/share/6f38be11cb64f87d91f54dc1db34d0e3>

Interests

Academic : Problem Solving, Data Structures, Computer Network.

Research : Artificial Intelligence, Machine Learning, Deep Learning.

Personal : Listening to Music, Reading, Cooking.