

RIMSHA MAREDIS

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EDUCATION

Texas A&M University , College Station, Texas	Jan 2018 – May 2021
Bachelor of Engineering in Computer Engineering, GPA: 3.52	
Relevant coursework: Data Structures and Algorithms (CSCE121, CSCE 221), Operating System (CSCE 313), Artificial Intelligence (CSCE 420), Design and Analysis of Algorithms (CSCE 411), Programming Studio (CSCE 315).	
Houston Community College , Houston, Texas	Aug 2016 - Dec 2017
Associate of Science in Computer Science, GPR: 3.89	

SKILLS

- Programming Languages: Python, C/C++, JavaScript, jQuery, HTML, CSS, SQL.
- Databases: MySQL
- Tools: VS Code, XCode, Version Controlling System (Git, GitHub), UNIX/LINUX, Jupyter Notebook
- Strong understanding of Data Structures and Algorithms including Heaps, Graphs, Tables, Trees, and Time Complexity.
- Experience in working with different APIs and using them in making effective web apps.
- Experience with using different Machine Learning Algorithms to do predictions on different datasets in python.

WORK EXPERIENCE

ITREB USA , <i>Web Developer Intern</i>	May 2019 - Aug 2019
<ul style="list-style-type: none">• Assisted Senior developers in building custom internal application like registration system for students using .NET MVC framework.• Wrote SQL queries and created session authentication for security for users to safely log in and passing data from UI to database and back.	

PROJECTS

GT Credits (Angular, HTML, CSS)	June 2019-Present
<ul style="list-style-type: none">• Application built using Angular framework that converts AP and SAT exam scores to institutional credits for incoming freshmen students.	
Diabetes Predictor (Data Cleaning, Python, Machine Learning Models)	July 2019-Aug 2019
<ul style="list-style-type: none">• Did model building by data cleaning and applied different Machine Learning to check which algorithm provides most Accuracy.• The K-nearest Clustering gave most accuracy with 78% accuracy.	
Stock Market Predictor (Python, Machine Learning)	April 2019-July 2019
<ul style="list-style-type: none">• Implemented XGBoost Regression to learn Stock Market Behavior. Used 10 period of data from market to train and predicted stock market price for 5 days. Used live data from REST API to learn the behavior.	
Life Expectancy Predictor (Python, Flask, HTML, CSS, JavaScript)	March 2019- April 2019
<ul style="list-style-type: none">• Created web app using flask and python to predict the life expectancy of a person based on their gender and current age.• Applied Linear Regression to train and then test the model.	
Math game	Dec 2018-Jan 2019
<ul style="list-style-type: none">• Developed an application for the kids to enhance their multiplication skills. Implemented the application to keep track of the answered questions and let the user find the mistakes by displaying the correct answers at the end. <p><i>Skills:</i> HTML, CSS, JavaScript</p>	

LEADERSHIP EXPERIENCE

College Station REC , <i>Teaching Assistant</i>	Aug 2018 - Present
<ul style="list-style-type: none">• Taught 6th graders at Religious Education Center and assisted other teachers with their work.	

ORGANIZATIONS

Aggie Coding Club

- Worked on Dog nutrition App as group project. The App provided food and nutrition for different breeds of dogs. Worked on fronted part of it.