Mahammad Parvez Salim

https://www.findparvez.me/
16100 Space Center boulevard , Houston,TX 77062
✉ psalim1992@gmail.com
☎ +1 (469) 770-3826

SKILLS

Proficient: Java,C#,C,Python,SQL,JavaScript,Spring,Maven, Data Structure and algorithm,OO Design, System Design
Tools: Eclipse,IntelliJ,Spring Tool Suite,Microsoft SQL Server management Studio, Pycharm, Jupyter Notebook,

WORK EXPERIENCE

University of Houston- Clear Lake, *Houston, USA*
Volunteer Research Assistance *March. 2019 – Present.*
- Assisting professor in Software Engineering Modeling and Network Security.

NJS Web Publishing Systems Private Limited, *Hyderabad, India*
Software Engineer *Jan. 2015 – Dec. 2017*
- Implemented new features to JSF application utilizing JDBC for backend data access.
- Designing the application modules, base classes and utility classes using core Java.
- Used MySQL database for SQL scripts,stored procedures, functions.
- Developed interactive and user friendly web pages using JSP, CSS, HTML, JavaScript.
- Helped developing RESTful Web Services, using Spring

Globsyn Group, *Kolkata, IN*
Globsyn Finishing School, Summer Trainee *July. 2013 – Sep. 2013*
- Built an E-commerce website using C# and ASP.Net.
- A website which can handle every kind of E-Commerce activity from user and admin side.
- 160 hours of training on Object oriented programming language and ASP.Net.

PUBLICATION

Stock Market Prediction
Hasanuzzaman, Mohammed, Wai Leung Sze, Mahammad Parvez Salim, and Gaël Dias. "Collective future orientation and stock markets."
In Proceedings of the Twenty-second European Conference on Artificial Intelligence,
pp. 1616-1617. IOS Press,2016 *August. 2016*
- Acceptance rate was 27%

ACADEMIC PROJECTS

Fully Functional Online Dating Website
August. 2019 – September. 2019
- Used Java to create a web-based application with Eclipse IDE.
- For database management, worked with MySQL..
- Designed user interface using HTML5 and CSS3.
- Implemented features such as send and receive messages, view user profiles, add friends by sending requests,accept requests and view notifications.

Unauthenticated Transaction Detection in dell.com
September. 2019 – December. 2019
- Performed data collection using JavaScript.
- Created Web API using ASP .NET MVC to store the data into the database.
- Created the rules to detect the unauthenticated transaction within the same session using T-SQL.

Los Angeles County Metropolitan Transportation Authority Demand and Operation Forecasting
- Implemented seasonal ARIMA algorithm to forecast bike demand with 70% of accuracy . *September. 2019 – October. 2019*
- classifying the customers with Decision Tree, Naive Bayse, and Logistic regression with 65% of accuracy.
- Creating a predictive model for predicting the usage rate for a given station, on a given day and hour using Random Forest Regressor and Decision Tree Regressor with 70% of accuracy.
- Clustered the stations based on the number of bikes they rent – using KMeans algorithm.

Dimension Modelling using Dillard's Data Set
March. 2018 – April. 2018
- Developed an multidimensional cube with OLAP.
- Designed schema and made reports for sales and marketing for the data.
- Built a dashboard and created visualization using IBM Watson Analytics.

EDUCATION

University Of Houston-Clear Lake, *Houston, TX*
Master of Computer Information System *January. 2018 – December. 2019*

West Bengal University of Technology, *Kolkata, India*
Bachelors of Computer Science and Engineering *August. 2011 – August. 2015*