

# Mahammad Parvez Salim

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## SKILLS

**Proficient:** Java,C#,C,Python,SQL,JavaScript, Data Structure and algorithm

**Tools:** Weka,IBM Watson Analytics,Tableau

**Interest:** Machine Learning,Data Visualization,Strategy Games

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## WORK EXPERIENCE

**NJS Web Publishing Systems Private Limited, Hyderabad, India**

Software Engineer

Jan. 2015 – Dec. 2017

- Used core JAVA technologies to create application with agile methodology.
- Used JDBC and MySQL for database connectivity.
- Worked closely with business, product owners and QA for successful completion of projects.

**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.
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## 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

Aug. 2016

- Acceptance rate was 27%
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## 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**

September. 2019 – October. 2019

- Data analyzing using python.
- Implemented seasonal ARIMA algorithm to forecast bike demand with 70% of accuracy .
- 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.
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## 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