Syed Mohammad Haider Rizvi

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# EDUCATION

**Amity University Uttar Pradesh** *Lucknow, India*

# Bachelor of Technology in Mechanical Engineering *May 2021*

* GPA: 8.1/10 (3.24/4.0)
* Key Subjects: Operational Research, Methods of Applied Mathematics, Numerical & Statistical Methods, Computer Programming, Industrial Engineering & Management, Finite Element Analysis.

# WORK EXPERIENCE

**DXC Technology Pvt Ltd.** *Bangalore, India*

***Associate Software Engineer (User Access Management)*** *Aug 2021-Present*

* Works closely with the platinum client to manage its access on the on prem servers and cloud.
* Assisted client in Data Migration and access management.
* Gained good understanding of Servers, File Share permissions and Server operations.
* Developed several Automation for the Client using shell bash for repetitive operations like retrieving groups information, groups member’s information.

# TECHNICAL SKILLS

**Programming Languages:** Python, R, SQL, Excel, Java, HTML, CSS , Bash,javascript

**Software & Tools:**  Tableau, Google Analytics, MS Office, Django, Tkinter, Git

# COURSES & CERTIFICATIONS

**Machine Learning with Python (Coursera)**

**AZ 900 – Microsoft Azure Fundamentals**

**Machine Learning applied to Manufacturing Processing (Udemy)**

**Java Programming (Udemy)**

**Introduction to Databases and SQL Querying (Udemy)**

**Designing of Electric Cars**

# ACHIEVEMENTS

Received the ‘Champ Award’ and ‘FY22 H1 Collaborators Award’ from DXC technology for receiving various appreciations from client throughout.

Published a Research paper with the one of the most prominent professor(ex-chief Mechanical Engineer of Railways , India) on ‘Hybrid Cars – A Review’ .

# PROJECTS

**Project-Based Learning** ([*GitHub)*](https://github.com/haiderrizvi1441) *Apr 2020 – Present*

* **Amazon Web Scrapper**: Using Python and its module Beautiful Soup, Amazon Shopping page is scrapped for the data and it uses the data to track any article price and notifies through email when the price is equal or less than the set price.
* **Electronic Shopping Data Analysis**: Using Python Scraped the data off Amazon in CSV format and cleaned the data, then
* **Derivative Pricing:** Implemented the learnings of FERM 1(Coursera) in pricing European Options, and Futures using the Binomial and Black-Scholes Model. Option Greeks are also computed for the European options
* **Stock Price Prediction:** Deployed LSTM based Neural Network model to predict stock price
* **Technical Analysis Indicators:** Created some of the commonly used technical indicators like MACD, Bollinger Bands using Python

**Academic Projects** *Jun 2015- May 2017*

**Fabrication of Affordable Ventilator**: The Project aim was to develop an affordable ventilator using commonly sourced material, decreasing its complexity and cost and increasing its availability.

**Hybrid Cars and their relevancy in present India:** This project aimed to give proper introduction of Hybrid cars to the viewer along with the giving information about the parts and component of the Hybrid cars. This project also explained the relevancy of Hybrid cars in India in comparison to electric cars.

# LEADERSHIP EXPERIENCE & COMMUNITY SERVICE

* Co-organized the “Sangathan 2018-19”, the biggest Annual event of Amity University.
* Taught the primary school kids for a month on behalf of Sarthak Foundation and provided them with school supplies.

# Personal Traits

Analytical Skills

Communication Skills

Creative Skills

Risk Assessment

Teamwork & Collaboration

Attention to detail

Time Management

Leadership Skills