# Saman Qazi

B.Tech Graduate

## About Me

A Computer Science B.Tech. Student with good academic achievements and excellent problem solving skills . Keen to become an integral part of a professionally managed reputed organisation and to put my data skills to practical use.

## My Contact


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## Skills

- Machine Learning
- Python
- C++
- SQL
- TensorFlow
- Neural Networks

## Education Background

- **B.E. - Computer Science**

  *Institution - Govt. College of Engineering & Technology, Jammu, India*

  08/2019 - 08/2023 CGPA - 8.4

- **High School Qualification**

  *12th Grade*
  *Science , Math*

  03/2018 - 03/2019 Precentage - 96.8

- **Class 10th**

  *Mallinson Girls School*

  03/2016 - 03/2017 Percentage - 95.8

## Interships

### DATA SCIENCE INTERN | IIT JAMMU

*03/2023 – Present*

Key responsibilities:

- Credit risk analysis on the real world company's credit data - KALEIDOFIN PRIVATE LIMITED
- Explored data trends using various techniques, including K-means clustering, PCA , Autoencoder , Bruesh-Pagan , Yeo-Johnson transformation
- Assesed feature importance using MRMR , Toad selection, WoE , Lime and SHAP
- Developed predictive models, starting with Logistic Regression and later implementing Support Vector Machines (SVM).
- Implemented advanced techniques, including ensemble learning (bagging) and a hybrid SVM + Perceptron approach, to enhance model performance.
- Achieved a substantial increase in predictive power, a notable AUC Score and a commendable Recall rate

### EiSystems Technologies - DATA ANALYTICS AND ML

- Implemented several algorithms on datasets including Regression analysis,Classification , SVM and KNN
- Worked on datasets including MNIST , IRIS datasets etc

## Projects

### TITANIC SURVIVAL USING MACHINE LEARNING

Used supervised machine learning approach and various python libraries to predict survival rate of passengers . Predicted whether a person who has boarded the RMS titanic has a chance of survival or not , using Machine learning's Logistic Regression model

### CUSTOMER SEGMENTATION USING K_MEANS CLUSTERING USING PYTHON

Studied annual income and spending scores of customers using a dataset . Created clusters using these 2 attributes by making use of the Kmeans clustering Model

### STUDENT MANAGEMENT SYSTEM

Created a system to manage student enrollments , courses and balance . Technologies used - JAVA