

# Tavleen Sodhi

DATA SCIENTIST

## EXPERIENCE

### Data Scientist Intern | Crewasis

Aug 2020 – Feb 2021, Brooklyn, NY

- Collaborated within product management and engineering departments to understand company needs and devise possible solutions.
- Regularly evaluated alternate models using theoretical approaches communicating the results and recommendations to improve our decision making process.
- Created Machine Learning tools that computed adjusted P values.
- Predicted model accuracy through Linear and Logistic Regression.

### Software Developer Intern | Wipro Technologies

Jan 2016 – June 2016, Pune, India

- Worked on SAP NetWeaver 7.01 ABAP with SAP R/3 Platform.
- Developed a project to analyse the rejections of goods purchased from vendors in a selected period using View Types, Data Elements and ABAP Reporting.

## EDUCATION

### BrainStation | Diploma, Data Science

Feb 2021 - May 2021, Vancouver, BC, Canada

### University of British Columbia | M.Eng in Electrical and Computer Engineering

Sept 2017 – May 2019, Vancouver, BC, Canada

### Punjab Technical University | Bachelor's in Computer Science

Aug 2012 - May 2016, Mohali, Punjab, India

## PROJECTS

### Used cars sales prediction | Lead data analyst

Feb 2021 - May 2021

Envisioning the factors that impact the sale price of used cars with supervised learning techniques, building price prediction models and identifying the most appropriate and accurate model.

## Languages

English(Fluent), French(Intermediate), Hindi(Native), Punjabi(Native)

## CONTACT

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## PROFILE

Data Scientist, passionate about data analysis and machine learning models. Experienced in data extraction and presenting data insights. My strengths include problem solving and proficiency in python and SQL. Many businesses collect a vast amount of data and in order to analyze this data, wrangling, visualizing and predicting desirable results is dominant to business's success. In addition to this, when I am not working, I enjoy hiking, badminton, biking, and listening to music.

## SKILLS

**Programming**(Python, R)  
**Databases** (SQL)  
**Data Visualization**(Tableau, Matplotlib, Plotly, Seaborn)  
**Statistics**(Hypothesis Testing, A/B tests, Regression)  
**Big Data**(AWS, Hadoop and Spark)  
**Machine Learning**(Supervised, Unsupervised, NLP)  
**Neural Networks**(Tensorflow, Kera, Pytorch)

## CERTIFICATIONS

- Introduction to TensorFlow (June 2020)
- Convolutional Neural Networks using TensorFlow (July 2020)
- Natural Language Processing (Aug 2020)

## ACHIEVEMENTS

- Participated in a Hackathon for Mastercard to predict credit card fraud