

Address

907, 1591 Lycee Place
Ottawa, Ontario
Canada
K1G4A7

Contact No.

+1 (873)822-1610

Mail

byteharman0101@
gmail.com

Web & Git

linkedin/HarmanBhutani
harmanbhutani.github.io
GooglePlay/Harman
github/HarmanBhutani

Programming

Python
R
Java
JavaScript
React
Node.js
C++

OS Preference

GNU/Linux ★★★★★
MacOS ★★★★★
Windows ★★★★★

Databases

MySQL
MongoDB
PostgreSQL
SQLite

Platforms

Tableau
Power BI
Android
iOS
Splunk
Apigee
Microservices
Jenkins
Google Cloud
DataBricks
AWS
Hadoop
Jira
Rally

Harman Bhutani

Data Scientist

Objective

I am a passionate Data Science professional with 2+ years of experience as a software developer. By working on a variety of technologies to possessing the outstanding strength in communication aspects acquired through proven work experiences; I have gained many skills including perhaps the most crucial skill of all i.e. to consistently renovate.

Education

- 2019-Present **Master in DTI Concentration in Data Science** [University of Ottawa, Ottawa](#)
Courses: Fundamentals of Applied Data science, Project Management, Data Mining, Cyber Security, Data Science and Applications, BI technologies and Big Data Analytics.
- 2013-2017 **Bachelors Computer Science Engineering** [Guru Nanak Dev Engineering College](#)
Courses: Data Structures, Operating Systems, Data Warehousing, Database Management Systems

Work Experience

- 06/20-01/21 **Data Scientist** [Meta Innovation Technologies](#)
Contributed in creating an Analytical dashboard
Developed a Binary Classification Model on Seismic Data.
Worked on Data Modeling to obtain analytical results for Dashboards.
- 07/17-07/19 **Application Development Analyst** [Accenture](#)
Developed model using Tensorflow, sklearn for Customer Churn for 1M+ customers for one of the biggest telecom company in North America.
Visualisation using R and Tableau and D3.
Worked as a developer for Architecture Integration ePlatform.
Implemented User Stories to develop new features, writing efficient modular code in angular.
Involved in requirement gathering, suggesting new improvements, daily scrum meetings, sprint tasking and estimation of the assigned work in bi-week sprint sessions.
Worked with DevOps and MLOps tools and technologies such as MLFlow, Jenkins for build and deployment, version control with Gitlab, Bitbucket.
Designed and implemented RESTful APIs with Microservices and APIgee.

Internships and Training

- 08/19 - Present **Teaching Assistant** [University of Ottawa](#)
Helping students in teaching and solving problems for various courses including Statistics and Software Programming.

Achievements

MIT Hack Winner
Organiser TEDx
ACE Accenture
APEX Accenture
TiE Hack Winner

Hobbies

Solving Puzzles
Speed Cubing
Playing Chess
Stage Presentation

- 08/20-10/20 **Machine Learning Engineer** [Deol Data](#)
Worked on various modules such as Object detection ,historical Face recognition models.
Developed Android and iOS app for same as a POC of the idea.
Helped team in data pre-processing and storing data for training and testing purpose.
- 03/20 - 06/20 **Machine Learning Intern** [Braiyt.AI](#)
Developed various models for Licence Plate detection for surveillance camera.Used Single Shot Detector in Keras with Tensorflow as backend.
- 02/20-09/20 **App Developer** [University of Ottawa](#)
Implemented a Linguistic Risk-Taking hybrid mobile application using MEAN stack technologies.
- 06/16 - 12/16 **Machine Learning Intern** [GNDEC Data Science](#)
Designed and developed models using various techniques such as Linear, Logistic Regression.SVM,Random Forest.
- 06/16 - 01/17 **Google Facilitator** [Google,India](#)
Worked as Google Facilitator and taught Students about Android and Artificial Intelligence under the program Google CS with Android
- 05/15 - 08/15 **Big Data analytics using Hadoop** [N.I.E.L.E.T, Mohali](#)
Completed training in Big Data analytics using Hadoop.
Worked on Map-Reduce and various platforms such as Pig,Hive,HBase, Jaql.

Projects

Customer Churn Prediction using the Neural Network

Performed the Exploratory Data Analysis (EDA) to understand the relationships and produce the inferential statistical results.
Implemented the Random Forest for the feature selection.
Implemented the basic neural network using the Keras and accuracy produced by the classification model was 89.17.
Github - <https://github.com/HarmanBhutani/CustomerChurnPrediction>

Stock Prediction using Machine-Learning Algorithms

Used NSE data on the Logistic Regression, RNN with LSTM.
Data preprocessing and outliers detection.
Optimisation with GRU to remove the problem of decreasing gradient.
Used the NLTK to generate the sentiment analysis to check the impact of the trending news.
Github - <https://github.com/HarmanBhutani/Stock-Market-Prediction>

Certifications

Tableau Data Scientist - Tableau
Tableau Data Analyst - Tableau
Splunk Certified User - Splunk
R Programming - Courera Machine learning with Python - Coursera
NLP with Python - LinkedIn Learning
Artificial Intelligence Essentials - NASBA