

Amit Singh

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Github: <https://github.com/amitbhsingh?tab=repositories>

Work Experience

Data Scientist at Sharpestmind

Feb 2019 - Present

- Leading development of a predictive model for price of one of the major digital asset pairs with ensemble modeling approach using python, current accuracy of model 58 percent.
- Collaborating with project stakeholder's development team periodically to accommodate client expectations.

Data Scientist Co-op at Cortera AI

Aug 2018 – Feb 2019

- Built a model which can predict with 62 percent accuracy using Python for an individual applicant of H1B_VISA application if they were certified or denied and still working towards improving the accuracy.
- Utilized R for statistical computing, exploratory analysis of structured and unstructured data

Data Analyst Co-op at The Boiron Group

Jan 2018 –Jul 2018

- Utilized R to manipulate, clean, and analyze property prices of Markham and Toronto
- Laid foundation of machine learning algorithm by factoring parameters which were determined to be impacting the sale price

Founding member & columnist at Datacritics

Jan 2018 – Present

- Averaging 620 views a day and more than 50,000 view in first quarter of this year, our team achieved articles retweeted by Hadley Wickham and Datacamp
- In addition to writing articles, I also helped Founder to recruit initial members (now 10 people) and aided in social media marketing on Twitter and LinkedIn

Divisional Manager for Individual Credit Assessment at SM&M

Oct 2010 – Jul 2013

- Initially hired to do credit assessments and rapidly promoted to the divisional manager within a year's time; fasted promotion within the company
- Utilized the random forest classifier to support the decision making of large banks in India such as Tata, Kotak, and Vodafone for individual loans

Social Work Program Manager at Vikas Jyot NGO

Jan 2013 – Nov 2013

- Managed a group of 5 local and 10 overseas volunteers to improve the existing processes within the non-profit organization, Vikas Jyot

Skills

- Excellent at – leveraging tools like Excel, R, Python, Tableau, SQL in solving data intensive problems
- Better at - Machine Learning Algorithm development
- Good at - Hadoop Ecosystem: HDFS, Oozie, Hive, Pig, Spark, GCP
- Knowledge of - SAS, SQLite, MongoDB, Machine Learning Software: IBM Watson, Weka

Education

- Certificate in Data Analytics, Big Data, and Predictive Analytics Ryerson University, Dec 2018
- Master of Social Work Sardar Patel University, May 2015
- Bachelor of Commerce M.S. University, Dec 2013