Harshit Jain

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Education

- **National Institute of Technology Jalandhar** — Jalandhar, India
  Btech Industrial and Production Engineering; CGPA: 8.09 up till 5th Sem — *July. 2015 – Present*
- **International Public School** — Hoshangabad, India
  Higher Secondary School Certificate Exam; Marks: 84% — *April. 2012 – May. 2014*

Experience

- **Research Trend Analysis** — Jalandhar, India
  Guide:-Assistant Professor 'Dr.Neeraj Bhanot' at NIT Jalandhar — *Aug' 2017 - Nov' 2017*
  - **Text Mining**: The project determines in-depth research trends in published litrature using **Text Mining** approach in Python through unsupervised learning
  - **Modules covered in Project**: Data Extraction and Preparation through **NLTK**, Mapping important association for research collaboration through **Networkx** and identification of literature trends and visualisation through different modes
  - **Submission**: The python framework is under due consideration for **Copyright Submission** and made a submission of the research paper in a journal named **IJPR**
- **RCPL India** — Noida, India
  Summer Training — *June 2017-July 2017*
  - **Concepts of Python and MySQL**: Learned basic and advanced concepts in Python and MySQL, Got acquainted with various machine learning modules in Python
  - **Bugtracking Application**: Designed a Real Time **Bugtracking Application** using Python and incorporated **MySQL** as real time database server as final project

Competitive Projects

- **Titanic (Kaggle Competition)**: This project involved predictions of survival on the titanic. Performed **feature engineering** on train and test data through Python. Predicted the survival with an accuracy of **0.78947** and secured Rank **2858/9625** on the leaderboard
- **Big Mart Sales Prediction III (Analytics Vidhya)**: This project involved predictions of Oulet Sales on **Bigmart data**. Performed feature engineering on train and test data and developed a prediction model through Ranodm forest regressor. Predictied the sales with **RMSE of 1158** and secured **Rank 518** on Leaderboard
- **Mckinsey Analytics Online Hackathon:**: This Project involved identification of leads' segments having the higher conversion ratio to identifed the potential customers through additional channels and re-marketing. Used feature engineering and **Naive bayes Classifier** to arrive at the desired results and secured Rank 219 on the leaderboard

Programming Skills

- **Languages:** Python, C++, C, R(Basic) **Tools:** MS Power point, MS Word
- **Databse:** MySQL

Relevant Courses

- **Online Courses**: Supervised Learning with **scikit-learn**, Machine Learning Fundamentals (edx), Applied text mining with python, Quantitative Finance and Algorithmic Trading in Python(Udemy)*
- **Industrial and Production**: Production planning and control, operations research, Quality management, Probability and statistics for engineers, Differential equations

** To be completed till January, 18*

Positions of Responsibility

- **Analytics Cell** — NIT Jalandhar
  Cordinator — *April 2017 - Present*
  - **Workshop**: Delivered a workshop on "Introduction to opportunities that exist in analytics domain"
  - **Sessions**: Started online learning platform in partnership with DataCamp to motivate the students towards analytics

Extra Curriculars

- **Loan Prediction (Analytics Vidhya)**: Predicted the **Loan Status** of the customer with an accuracy of **0.778** on the leaderboard
- **Australian National Chemistry Quiz**: Participated in Australian National Chemistry Quiz and got destinction prize
- **Skill Development Programme**: Participated in Skill Development Programme organised by **Republic Motors, Punjab**