Harshit Jain

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EDUCATION

National Institute of Technology Jalandhar — Jalandhar, India
Btech Industrial and Production Engineering; CGPA: 8.06 up till 6th Sem — *July. 2015 – Present*

International Public School — Hoshangabad, India
Higher Secondary School Certificate Exam; Marks: 84% — *April. 2013 – May. 2014*

EXPERIENCE

Episource India LLC — Mumbai, India
Summer Intership — *June 2018 - July 2018*
- **Time estimation**: Designed a ML model for the identification of coder's time with an error of 10%
- **Model API**: Made an API of the model for specific coder time estimation

Research Trend Analysis — Jalandhar, India
Guide:-'Dr.Neeraj Bhanot', IIM Amritsar — *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**: Made a submission of the research paper in a journal named **IJPR**
- **Copyright**: Recieved copyright of the python framework

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 **2413/10239** 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

PROGRAMMING SKILLS

- **Languages:** Python, C++, C   **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
- **Industrial and Production**: Production planning and control, Operations research, Quality management, Probability and statistics for engineers, Differential equations

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

- **Mckinsey Analytics Online Hackathon (Analytics Vidhya)**: Predicted the **Loan Status** of the customer with an accuracy of **0.71** and secured rank **218** on the leaderboard
- **Australian National Chemistry Quiz**: Participated in Australian National Chemistry Quiz and got destinction prize
- **Badminton Competition**: Participated in **Inter Hostel Badminton Competetion** and secured 2nd position