

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 literature 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

PROJECTS

- **Titanic (Kaggle Competition):** This project involved predictions of survival on the titanic. Performed **feature engineering** on the train and test data through Python and predicted the survival with an accuracy of **0.78947** on the leaderboard
- **American Express Analyze This:** This project involved predictions of extending a type of card (Elite, Credit, Supplementary) for specific customers. Used feature engineering and Random forest classifier to arrive at the desired results
- **Mckinsey Analytics Online Hackathon::** This Project involved identification of leads' segments having the higher conversion ratio to identified the potential customers through additional channels and re-marketing. Used feature engineering and **Random Forest Classifier** to arrive at the desired results and secured Rank 219 on the leaderboard

PROGRAMMING SKILLS

- **Languages:** Python, C++, C, R **Tools:** MS Power point, MS Word
- **Database:** MySQL

RELEVANT COURSES

- **Online Courses:** Analytics edge, Introduction to R, Intermediate R, Importing and cleaning data in R, Supervised Learning with **scikit-learn**, 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:** Registered for Datacamp classroom program and regular sessions are organized for discussions

EXTRA CURRICULARS

- **Analyze This:** Secured rank 140 on leaderboard in this data science challenge conducted by American Express
- **Australian National Chemistry Quiz:** Participated in Australian National Chemistry Quiz and got distinction prize
- **Skill Development Programme:** Participated in Skill Development Programme organised by **Republic Motors, Punjab**