ASHISH SHARMA, 21 Years

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ACADEMIC QUALIFICATION

Year	Qualification	Institute / Board	% / CGPA
2018	M. Tech (Industrial and Management Engineering)	Indian Institute of Technology, Kanpur	8.47 (Up to 2nd Sem.)
2016	B. Tech (Mechanical Engineering)	UIET, CSJM University, Kanpur	7.97
2012	Intermediate	UP Board	87.00 %
2010	High School	UP Board	82.00 %

INDUSTRIAL EXPERIENCE

- **Ericsson India Global Services Private Limited, Bangalore**   **May – Jul'17**
  Project 1 Title: 'IT Usage Analysis'
  - Figured out some interesting pattern in usage and cost associated with the applications.
  - Measured the percentage of quality data and calculated the traceable cost associated with the applications.

  Project 2 Title: 'IT Survey Analysis'
  - 'IT Survey Analysis' was aimed to figure out areas of organization demanding for improvement.
  - Analysed the topics related to the comments of employees using topic modelling and visualized them on Tableau.
  - Figured out the key areas in physical workplace and IT environment which makes the employees most satisfied using classification approach and created the decision tree for both the category.

  Assignment: Infographic on 'Yammer Analytics' for Ericsson
  - Figured out the trending event on the Yammer in Ericsson Group.
  - Created a chord diagram indicating simultaneous occurring events in the employee's comments.

- **Small Arms Factory, Kanpur**   **Jun'15**
  - In 'CNC' section performed the various operations on and studied the method of programming on the machine.
  - In 'Tool Room' section obtained knowledge of various tools and their repairing.

ACADEMIC PROJECTS

- **Analysis of factors influencing fatality rate in US using OLS regression model**
  - Estimated the effect of various factors like availability of doctors, hospitals, per capita income, etc. on the fatality rate.
  - Compared the five subsequent models and figured out the best fit model using various statistical techniques.

- **Time series analysis of sales and corresponding advertising expenditures**
  - Worked on time series data of 36 months of sales and corresponding expenditure containing typical component like trend, seasonality and irregular component.
  - Forecasted the sales and advertising expenditure using SEA, Holt Winter's exponential smoothing and ARIMA models and studied the effect of advertising expenditure on sales.
  - Compared the models using correlogram, performed Ljung Box test and normality of residuals to draw the conclusions.

- **Classification analysis on whether to send a direct mail piece to a customer**
  - Performed data pre-processing to clean the noisy data.
  - Trained various models like logistic regression, random forest and neural network on the data.
  - Estimated the classification error in each case and figured out the best model and then classified the test data.

- **Design and fabrication of 'ELECSHAW'**
  - Combination of electric and manual rickshaw.
  - Designed to reduce the effort of rickshaw pullers by matching the paddling frequency with the motor using gear trains.

COURSEWORK AND SKILLS

Relevant Courses	Probability and Statistics I Statistical Modelling for Business Analytics I Data Mining and Knowledge Discovery I Introduction to Computing I Operations Research for Management I Advanced Decision Models I Operation Management I Design of Production System I Analytics in Transport and Telecom
Technical	R I C I C++ I Python I MS Office I Auto CAD I Tableau
Language	Full proficiency in Hindi and English

AREA OF INTEREST AND STRENGTH

Interest	Analytics I Operation Research
Strength	Quick learning ability I Time management I Dedication towards work I Quick problem solving skill

AWARDS, ACHIEVEMENTS AND POSITION OF RESPONSIBILITIES

Academic	- GATE Score – 635 (In GATE 2016 Mechanical Engineering paper) - Secured **100 out of 100 marks in Mathematics** in UP Board Intermediate Examination. - Awarded merit certificate of scholarship for higher education under **'INSPIRE'** scheme of DST, Govt. of India for securing position in top 1% students in UP Board Intermediate Examination. - School topper in class 12th and 10th Board Examination and awarded by **'KAMAD RATNA AWARD'** and **'HINDUSTAN PRATIBHA SAMMAN AWARD'**. **'PRADESH RATNA AWARD'** by 'ASHASHAKIYA PRADHANACHARYA PARISHAD' for securing special position in UP Board Intermediate Examination.
Extra-Curricular	Secured 2nd position in 'NIRMAAN' event held in technical festival 'TECHMART – 2014' of UG College.
Leadership	- Team member of 'ROBOTICS' event held in 'TECHMART – 2014' of undergraduate college. - Responsible for organizing many events at school level.
Position of Responsibility	- Seminar co-ordinator of IME, IIT Kanpur. - Technical head of inauguration ceremony in 'TECHMART – 2014' of undergraduate college.