ARIJIT GANGULY

MTECH (Industrial & Management Engineering)   **Email-** arijitg@iitk.ac.in | **Contact**- +91 9038171178

ACADEMIC DETAILS

YEAR	QUALIFICATION	EDUCATIONAL INSTITUTION	BOARD/ UNIVERSITY	PERCENTAGE
2017-19	M.Tech (IME)	Indian Institute Of Technology, Kanpur	IIT Kanpur	10.0* (CPI)
2013-17	B.Tech (MechanicalEngineering)	Kalyani Govt. Engineering College	W.B.U.T	8.96(CPI)
2013	Class XII	Ram Mohan Mission High School	I.S.C	94.0
2011	Class X	Ram Mohan Mission High School	I.C.S.E	93.0

till 1st semester

ACADEMIC PROJECTS

Data Mining	**Prediction of total ride duration of taxi trips in New York City** • The aim was to predict the ride duration of taxi trips from the given training dataset of 15lakh examples and applying the model on test dataset of 6 lakh examples. • Steps included Data Preprocessing, Data Visualization and Model Building an Comparison of Models in R. Data Collected from- https://www.kaggle.com/c/nyc-taxi-trip-duration/data
Statistical Modelling	**Automobile Mileage Exploratory Data Analysis in R** • Build regression models to predict the Miles Per Gallon(MPG) using 3 multivalued discrete and 5 continuous attributes. • Compared Linear,Log-Linear,Log-Log Models by the values of adjusted R^2. Data Collected from- https://archive.ics.uci.edu/ml/datasets/auto+mpg
Supply Chain Management	**Study on Supply Chain Contracts** • A brief study on various Supply Chain contracts to understand their applications and advantage in industry.

INDUSTRY EXPOSURE

Undergraduate (Training and Internship)	**JINDAL SAW LTD** • Vacational Training under Mechanical Maintenance Department- Observed the entire Production Process of Submerged Arc Welded Pipes and learned about maintenance and quality control. **TIKIAPARA COACHING COMPLEX, EASTERN RAILWAY, HOWRAH** • Vacational Training under Carriage and Wagon Department- Sick Line Inspection, Maintenance of ICF and LHB coaches

COURSEWORK AND SKILLS

Relevant Courses	Probability and Statistics	Operations Research	Design of Production System	Introduction to Computing	Data Mining and Knowledge Discovery	Statistical Modeling for Business Analytics	Computer Aided Decision Support Systems	Introduction to Stochastic Processes	Machine Learning
Technical Skills	R	Python	Java	HTML	PHP	MySQL	MS Office	AutoCAD	Ansys Fluent	Solidworks

POSITIONS OF RESPONSIBILITY

• Core member of web development team of IME department, IIT Kanpur.   *August ' 17- Present*
• Senior Executive, Outreach Cell , IIT Kanpur.   *October '17- Present*

ACADEMIC AWARDS AND ACHIEVEMENTS

• Academic Excellence Award, 2017 IIT Kanpur.
• Distinction in Mathematics in MACMILLAN exam (IAIS) by THE UNIVERSITY OF NEW SOUTH WALES.

ACTIVITIES AND INTERESTS

• Student member of **ISHRAE**, KOLKATA CHAPTER.
• Actively participate in data analytics competitions.
• Football enthusiast and FC Barcelona Community Member.

Linkedin Profile Link- https://www.linkedin.com/in/arijit-ganguly-686408107/