

INDRAJIT BARUAH

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ACADEMIC QUALIFICATIONS

YEAR	DEGREE	INSTITUTE	UNIVERSITY/BOARD	PERCENTAGE/CGPA
2018-2020	M.Tech (IME)	Indian Institute of Technology, Kanpur	IIT Kanpur	9.2*
2012-2016	B.Tech (Mechanical Engineering)	National Institute of Technology, Silchar	NIT Silchar	7.44
2010	Higher Secondary(XII)	Cotton College, Guwahati	AHSEC, ASSAM	77.8%
2008	High School Leaving Certificate(X)	Learners' High School, Rupai Siding.	SEBA, ASSAM	90.0%

*till 2nd sem

WORK EXPERIENCE

FULL TIME (1 yr 2 m)	Design Engineer at TATA TECHNOLOGIES LTD. from 4 th of July, 2016 to 12 th of September, 2017 in Pune. <ul style="list-style-type: none">Designed and developed vehicle Body Structure panels for Jaguar Land Rover division.Designed and developed Body Structure Aluminium panels for an Electric Vehicle in CATIA and 3D-Experience for NIO (NextEV), China.
INTERNSHIP (2 m)	Data Science Intern at CORECOMPETE PVT. LTD. from 13 th of May, 2019 to 12 th of July, 2019 in Pune. <ul style="list-style-type: none">'Optimization using Google OR and Gurobi Optimizer in Python'.Maximized Net Profit Realization for a cement manufacturing company.Compared performance of Google ORtools and Gurobi optimizer.

ACADEMIC PROJECTS

Advance Corporate Finance	To Value the 'BRITANNIA' company <ul style="list-style-type: none">Use of 5 years of Annual Reports (the three statements) to construct pro-forma forecasted statements, using a proxy for growth.Calculated Free Cash Flows (FCF) and the right Cost of Capital (WACC).Used DCF to arrive at the value of the company.
Data Mining	Store Item Demand Forecasting using ARIMA Model <ul style="list-style-type: none">5 years of store-item sales data was given, and was asked to predict 3 months of sales for 50 different items at 10 different stores.Steps included Data Preprocessing, Data Visualization and Model Building and Comparison of Models in R. Data collected from: https://www.kaggle.com/c/demand-forecasting-kernels-only
Statistical Modeling in Business Analytics	Analysis of Factors Affecting Death Rate Caused by Cancer in US counties. <ul style="list-style-type: none">Used OLS Multiple Linear regression.

AREAS OF INTEREST

Finance | Data Science | Analytics | Operations

ACADEMIC AND TECHNICAL SKILLS

Relevant Courses	Advance Corporate Finance Security Analysis & Portfolio Management Mergers and Acquisitions Finance Theory Financial Accounting Simulation of Business Systems SMBA Data Mining and Knowledge Discovery Operations Research Probability & Statistics Introduction to Computing Data Structures Machine Learning
Technical Skills	Python R Java Google OR Gurobi MS Office ARENA CATIA V5, V6 ENOVIA TeamCenter.

CERTIFICATIONS

Johns Hopkins University, USA	Data Science Specialization Course	
	<ul style="list-style-type: none">Data Scientist's ToolboxR ProgrammingGetting and Cleaning DataExploratory Data Analysis	<ul style="list-style-type: none">Statistical InferenceRegression ModelsPractical Machine LearningDeveloping Data Products

ACHIEVEMENTS

Academic	<ul style="list-style-type: none">GATE 2018 Score-704 in Mechanical Engineering paper.Secured 8263rd rank in IIT-JEE 2011.
Extra Curricular	<ul style="list-style-type: none">Finalist at Mr. Assam Bodybuilding Competition in 2013.Runner-up of Mr. NIT Bodybuilding Competition in 2014.Winner of 'Design de Innovar' challenge by ISTE Student's Chapter NIT Silchar in 2015.Winner of 'Autospark' challenge by RoboSejougous & Saarang IIT Madras in 2015.