

SKILLS

Analytics / Coding : R, Python, Bash, C, C++, Web-scraping, SQL, Tensorflow, Keras, Hadoop, Git, MATLAB
Coursework : Machine Learning, Statistical Computing, Advanced Probability & Statistics, Data structures & algorithms, and Deep Learning
General Management : Product Management, Business Strategy, Corporate Finance & Valuation, Supply Chain Management

EDUCATION

University of California at Berkeley | *MA Statistics* | August 2019 - Dec 2020 | GPA - Yet to be released

- Ongoing coursework: Statistical Computing (Bash+R+Python) STAT 243, Advanced Probability and Statistics STAT 201A, 201B

Stanford University, CA | *Intensive Course in DataScience* | June 2018 - August 2018 | Sabbatical | GPA - 4.18 /4.3

- Coursework Completed: STAT 101 Introduction to Data Science STAT 202 Data Mining and Analysis

Indian Institute of Management Lucknow | *MBA* | *Exchange program UJM Lyon* | June 2014 - March 2016 | GPA - 7.06/10.0

- Stood in the top 2 percentile of common admission test among ~200,000 test takers conducted for admission into IIMs
- Won 1st place in Analytique 2.0 and Opsyrus'15; national level competitions on GTM strategy and Operations respectively
- Vertical Manager (Operations Wing), Manfest Varchasva'14, Annual Sports & Cultural Extravaganza at IIM Lucknow

SSN College of Engineering, Anna University | *BE Electrical & Electronics Engg* | August 2008 - May 2012 | GPA - 8.25 / 10.0

- Ranked 2nd in first semester exams in a class of 60 students, GPA - 9.03 / 10.0
- Published a paper at the **IEEE International Conference ICPES-2012** on [Load Frequency Control for a Distributed Grid](#)
- Best Paper award on 'Use of PID Controllers in Solar Cells' and 'Study of MPPT Algorithms' at Blitzkrieg'11 & Synchron'11 resp.

Online Courses | Deep Learning Specialization | Dec 2018 - May 2019 | Deeplearning.ai

- **Deep Learning specialization** ([Certificate Link](#)) includes modules: Neural Networks and Deep Learning | Improving Deep Neural Networks | Sequence Models | Structuring Machine Learning Projects | Convolutional Neural Networks

SELECTIVE TECHNICAL PROJECTS

Search Relevance classification on Google's search results | *R, RStudio and Google Cloud Platform* | *Stanford University*
Performed Data visualization, feature transformation, model selection; Explored GBT, SVM, RF techniques & ensembling techniques (model averaging, stacking) to achieve an accuracy of 67.3% (Max accuracy achievable on given data set ~68%)

US Presidential Speech (1789 - present) Analysis | *R, RStudio, Python, Bash* | *UC Berkeley*
Mined 247 State of Union Speeches from 1789 onwards, cleaned them and converted to structured data. Visualized the data to see trends over time and trends across parties. (Ongoing piece - Sentiment analysis on the speeches)

Library for Variable Selection using GA | *R, RStudio, Bash* | *UC Berkeley*
Built library in R using devtools to perform variable selection using Genetic Algorithm

YOLO Algorithm for Object Detection (of Cars) | *Python, Tensorflow, Keras* | *Deeplearning.ai - Coursera*
Completed YOLO implementation for car detection with ideas of bounding boxes for objects and non-max suppression. Five anchor boxes used per cell, based on concepts by YOLO paper Redmon et al., 2016.

EXPERIENCE

Ford India Pvt Ltd, Chennai - *Data Scientist (Inventory Management)* | September 2012 - May 2014

- Maintained optimum plant inventory of 10k+ parts across Asia Pacific Region & established float for new part releases
- Optimized inventory through system analytics and plant visits to the tune of \$ 2.4 M across 4 countries through three projects

Tata Administrative Services (TAS), Mumbai - *TAS Manager* | June 2016 - September 2018

Tata Industries (VC arm, Tata Group), Mumbai | *Manager Projects - Healthcare Portfolio* | July 2017 - September 2018

- Assessed startup opportunities and technology funds from financial and strategic perspective
- Developed **product roadmap, launch plan**, assessed legal documents and sales targets with CXOs of portfolio companies

TAS Assignments (June 2016 - June 2017)

Tata Communications | *Program Management for H2 Sales Acceleration*

- Planned for H2 Sales Acceleration by liaising between Engineering, Marketing and Sales teams globally
- Performed Business Development activities for increasing global clientele of 'HD Voice'

Titan (a Tata Company) | *Supply chain Optimization for Titan's new business line (Taneira)*

- Completed end to end supply chain process mapping; identified top 5 bottlenecks, set up new processes (~3days savings)

Tata Trusts (Philanthropic arm) | *Setting up of Geriatric Portfolio*

- Constituted an operational plan including financials for a special portfolio on Geriatrics;
- Seed funding approved by Management for pilots; **Offered a full time role** based on the performance