NAMAN DOSHI

(+91) 9884263267 – namanjd@outlook.com – http://gofornaman.github.io

Data Scientist with experience in building end-to-end production ready machine learning models.

EXPERIENCE

Talwalkars - Sarva
July'18 – Present

DATA SCIENTIST

Heading Data Science & Analytics –

- **Predictive Lead Scoring** : Multi-class classification using kNN algorithm into 'Hot', 'Cold' or 'Warm' Leads based on the propensity to convert with 78% accuracy. Connected to AWS RDS & Deployed using Python, Flask & Swagger UI.
- **Customer Query Classification :** Using NLP algorithms such as Bag of Words, Hashing Vectorization, Linear SVC & PCA to classify whether a query requires human intervention or not
- **Customer Segmentation (CLV)** : Unsupervised clustering on 37,000 customers using k-means algorithm based on features such as CLV, Frequency, Attendance etc resulting in 4 unique segments & increase in ROMI
- **Forecasting Sales :** Using ARIMA to predict sales in the next 5 months using 4 year historic data. Model captures the underlying trend & seasonality of fitness industry.
- **Conceptualized and Prototype** of ML based personalised meditation app, raised funding from Jennifer Lopez & Alex Rodriguez

Coviam Technologies
April'18 – July'18

ANALYST - DATA SCIENCE

Worked with Indonesia's E-Commerce giant on following projects –

- **Bulk Trader Prediction** – Unsupervised Fuzzy clustering on 1 million users to detect fradulent activity. 8% of identified traders contributed to 33% of total revenue.
- **RFM Analysis** – Segmentation of customers based on recency, frequency & monetary value. This helped the marketing team with targeted strategies.
- **Screening ML Resume using SpaCy** – Parsing PDF to extract keywords and using SpaCy's phrase matcher to count the occurences & finally plot it using matplotlib
- **Churn Prediction** – GBM for binary classification deployed using Flask
- **Automated Reports** – Python script for automating important metrics from GA, PostgreSQL, GCP on Jupyter notebook and send across as PDF

Upgrad-AcadView
Jan'18 – May'18

DATA SCIENCE CONSULTANT

AcadView (acquired by Upgrad) is an eLearning platform that aims at evangelizing Data Science. Created course work and projects explaining machine learning concepts & algorithms.

Ziffity Solutions
July'17 – Nov'17

MACHINE LEARNING INTERN

- Content-based filtering recommender systems
- Chatbot using Microsoft bot framewo

EDUCATION

Bachelor of Engineering (Computer Science)	Anna University	2018	8.0 CGPA
XII Tamil Nadu State Board	Agarwal Vidyalaya	2014	95%

SKILLS

- Programming Languages: C++, Python, JavaScript
- Databases: MySQL, PostgreSQL
- Data Visualization: Tableau, D3.js, Seaborn, Plotly, Dash
- Data Mining: RapidMiner, KNIME
- Cloud: AWS, GCP
- Tools: MS Excel, Scikit-learn, Pandas, Numpy, Matplotlib, Jupyter Notebook, PredictionIO, Git
- Working knowledge of Neural Nets (CNN, RNN), ML Algorithms (RF, SVM, Regression, Bayesian)

REWARDS AND RECOGNITION:

2019	Unilever BFS Datathon	(1/328)
2019	Singapore Airliness Challenge	Top 50
2018	SpriteXtreme CEG	First Place (1/200)
2018	GUVI Technology Hackathon	First Place (1/320)
2018	McKinsey Sales Hackathon	Top 50/2000
2018	Analytics Vidya Hackathon	Top 20/1000
2017	"Save the Hacker" by Freshworks	Finalist (top 19)

PERSONAL PROJECTS

- **Scorey.ai** - Scraping, aggregating and assessing technical ability of a candidate based on publicly available sources. Featured on TDS.
- **Predicting MS admit** – Using Logistic Regression for Classification & Seaborn for Visualization, predicting MS admit based on GRE,IELTS & Rank of a student
- **Real-time Sentiment Analysis** – This project included developing a platform for real-time scraping, modeling, and visualization of the sentiment on a certain brand or product.
- **Learning Data Science** – Implementation of machine learning algorithms
- **Personal AI** – Baemax is a personal healthcare assistant. A web application that takes in user voice input/ health queries and generates health tips developed using Python, Node and NLP Parser.

TECH TALKS:

- Workshop on **Predictive model into Production** at Saama AI Research at Chennai
- Conducted a **Machine Learning 101** session at Anna University
- Seminar on **Blockchain & Cryptocurrencies** at OrangeScape Technologies, Chennai.