

ANURAG SONI

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PROFILE

- MS Business Analytics student seeking position in data science and decision-making business units
- 5 years of experience as Analyst/Product Mgr. for a technology consulting firm with Investment Banking clients
- Skills in figuring out impactful stories with data

EDUCATION

Purdue University, Krannert School of Management

Master of Science in Business Analytics and Information Management

West Lafayette, IN

May 2018

Indian Institute of Technology Guwahati

Bachelor of Technology, Chemical Engineering

Guwahati, INDIA

May 2011

HIGHLIGHTS

- **Tools:** PL/SQL, Python, R, Excel(VBA), SAS, MATLAB, Tableau, Gurobi
- **Environment:** TensorFlow, Keras, Hadoop, Hive, Docker, Google Cloud, UNIX
- **Process:** Data Mining, SDLC, Process Simulation, Optimization, Data Modeling
- **Skills:** Client-Facing, Strong Communication, Change Management, Team Management, Mentoring

EXPERIENCE

Purdue BIZ Analytics LAB

Associate Analyst(Co-Op)

West Lafayette, IN

July 2017 – Mar 2018

- ***Demand Forecasting of supermarket sales:*** Built a production ready machine-learning solution using - Python deep learning libraries with results expecting to save significant inventory costs
- ***Delivery Rebate Forecast for retailers:*** Built a forecasting model that supports reporting of weekly expected rebate numbers in an annual tiered delivery contract.
- ***Decision Support System for Music Producer:*** Implemented [dashboard](#) application that uses Spotify datasets to partially cluster songs by their popularity and revenue capability
- ***Production implementation of ML solution:*** Created an automated machine learning [pipeline](#) of an object-detection solution built using *TensorFlow* on Google Cloud using Docker and Kubernetes technology
- ***Hate Speech Recognition using NLP:*** Implemented a text mining model that identifies hate speech characteristics in the text. Achieved a recall of 66% for hate classes using GRU, RNN, LSTM

VIRTUSA CORP.

Consultant- Business Consulting – Pune, INDIA

Jul 2015 – May 2017

- Provided quick Classification models and business rule recommendation using Python ML libraries
- Engaged client's teams to elicit project requirements; collaborated with development to suggest solutions
- Coordinated discussion among 3 cross-regional teams to generate data mapping to load upstream data
- Analyzed data models and suggested changes to meet business requirement
- Initiated and implemented programmable fixes for data anomalies
- Provided quick Classification models and business rule recommendation using Pandas

Senior Specialist-Technology – Bangalore, INDIA; London, UK

Jan 2013 – Jun 2015

- Transformed abstract client's requirement into solutions blueprints for £1.5 million worth of IT projects
- Devised reusable data quality framework to serve as an enabler for technology assessments
- Developed and validated Decision Tree model to classify customers for an anti-tax evasion regulation
- Launched business proposal and spearheaded tool development for classification and reporting requirements in project resulting in a project win of \$100K. Awarded with 'Employee of the Quarter' for consistently 3 quarters

Engineer-Technology – Chennai, INDIA

Jul 2011 – Dec 2012

- Developed code to wrangle and process data from upstream system to data warehouse resulting in increasing information transparency and timely delivery of MIS reports to senior management
- Played an integral part in database design discussion by identifying crucial flaws in evolving approaches