

# ANURAG SONI

soni.anuragg@gmail.com | 765-775-0116 | [GitHub](#) | [Blog](#) | [LinkedIn](#)

## PROFILE

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

## EDUCATION

**Purdue University, Krannert School of Management**

**West Lafayette, IN**

**Master of Science in Business Analytics and Information Management**

**May 2018**

- **Relevant Courses:** Descriptive, Predictive and Prescriptive Analytics

**Indian Institute of Technology Guwahati**

**Guwahati, INDIA**

**Bachelor of Technology, Chemical Engineering**

**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**

**West Lafayette, IN**

**Associate Analyst(Co-Op)**

**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 deep learning model that does text mining to identify 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