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 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