SRI VAMSI VOLETI

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EDUCATION

UCLA ANDERSON SCHOOL OF MANAGEMENT   Los Angeles, CA
Master of Science in Business Analytics (3.925/4.0)   December 2019
Key Coursework: SQL and Data Management, Optimization, Stats and Machine Learning, R Programming, Prescriptive Models, Business Fundamentals for Analytics, Customer Analytics, Entertainment Analytics

INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR   Kharagpur, India
M.Tech, B.Tech (Hons.) in Ocean Engineering and Naval Architecture (8.35/10)   August 2017
Other Coursework: Artificial Intelligence, Probability and Statistics, Economics, Introduction to Financial Management
Course Project: Estimated SOFAR Channel Axis by calculating sound speed at every point in the Indian Ocean and at incremental depths of 5m between 0-5000m below the ocean level in R, using the temperature, salinity and barometric data

SKILLS & EXPERTISE

Languages	SQL, R, Python, Hive, Hadoop
Softwares	Excel, Tableau, Microsoft Power BI, Looker, MATLAB, IBM SPSS
Machine Learning	Regression, Classification, Clustering, Feature Engineering, Deep Learning (Neural Networks)

ANALYTICS COMPETITIONS, PROJECTS AND INTERNSHIPS

UCLA Anderson — City of Los Angeles Datathon   Nov 2018
Sponsored by Accenture

- One of the semi-finalist teams in the UCLA Anderson City of Los Angeles Datathon sponsored by Accenture
- Used XGBoost to predict the payroll of the employees for the Q1 and Q2 quarters and recommended an optimized model to reduce the inefficiencies in the City's payroll system.

SG Analytics Data Challenge (Deodorant Likability Prediction)   Jan 2017
Inter Hall Event, IIT Kharagpur

- Member of Inter-Hall Data Analytics Team that won 2nd position out of 21 participating halls at IIT Kharagpur
- Performed Informative downsampling by clustering to handle class-imbalance problem, followed by chi-square feature selection
- Trained logistic model on each cluster with the set of features obtained by considering the p-value that resulted in the least validation error
- Achieved AUC of 0.9 on individual clusters resulting in an overall training accuracy of 81%

M.Tech and B.Tech Thesis (IIT Kharagpur)   August 2015 - August 2017
Design and Analysis of Wave Energy Converters infront of a Sea-wall

- Used Random Forest to predict the wave pattern at Akkaert Bank, Belgium using the past 50 years of available wave data.
- Based on the predicted wave data, designed a new WEC which demonstrated an efficiency of 76% in simulation.

Anglo Eastern Technical Services   May 2015 - July 2015
Trainee Hull Inspector at Hyundai Heavy Industries Co., Ltd, Ulsan, South Korea

- Co-supervised hull inspections on 153 assembly blocks of 3 LPG carriers in 6 nearby cities to ensure quality production
- Worked with a diverse team of colleagues from 5 nationalities along with top management professionals of HHI
- Coordinated with the Hong Kong head office to analyze mutual concerning issues regarding design and safety

LEADERSHIP

General Secretary Technology (Nehru Hall of Residence, IIT Kharagpur)   May 2014 - April 2015
- Successfully led 550 strong hall to win the Inter-Hall Technology General Championship with max points ever achieved.

Events Head - Samudramanthan (Departmental Technical Fest, IIT KGP)   July 2014 - April 2015
. Managed event logistics and responsible for complete documentation of rules and regulations of all the events in the fest.

ACHIEVEMENTS & CERTIFICATIONS

- Secured Second position in Data Case Challenge conducted by the website analyticsvidhya.com through out India (2017)
- Received National Certified Market Professional (NCMP) Level 1 Certification from National Stock Exchange (NSE), India
- Received B Certification by National Cadet Corps India, for my two year volunteer services as an EME Cadet (2012-2014)