Ganesh N Prasad

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EDUCATION

Carnegie Mellon University
Master of Information Systems - Data Analytics
Dec 2016 (GPA : 3.6)

R V College of Engineering
Bachelor in Information Science and Engineering
Jul 2014 (GPA : 3.99)

EXPERIENCE

Azuga Telematics Data Science Intern Aug 2016
Battery health predictor Jun - Aug 2016
Developed a model that uses user driving behavior and demographics to detect low battery & battery failure events among fleet vehicles.

Swerv Data Science Intern Aug 2016
Driver location optimizer Jun - Aug 2016
Developed a model that uses event data to identify hotspots for Uber & Lyft riders and suggest the best location for the drivers in order to increase on road efficiency and earnings.

Cisco Systems IT Engineer July 2015

Continuous delivery Jan - Jul 2015
Subject matter expert of Soft Dev as a service that enables automatic build and deployment

Test automation platform Feb - Jul 2015
Lead developer of a platform that converts english statements into selenium test cases

RESEARCH PROJECTS

Information visualization approach to assess Diabetes risk Jan - May 2016
Developed a model that uses dimensionality reduction techniques to stratify patients based on their risk and provide insights on overall risk distribution of the population. [iHealth 2016]

Automation of radio diagnosis using SVM Jun - Oct 2013
Developed an application that can take an image of a brain and detect the prescence of cancer cells using Support Vector Machines [IEEE Explorer]

ACADEMIC PROJECTS

Unsafe driving detection Apr - May 2016
Developed an algorithm that can process an image of a driver and classify it into various categories like safe driving, texting, talking on the phone, drinking coffee etc.

NYC 311 call analysis to predict weather spikes Jan 2016
Analysis of 311 calls of New York City from past 10 years along with the weather data to identify spike in calls to help the public works depratment in resource allocation.

Medicare cost analysis Jan- Feb 2016
Analyzed the medicare cost of different states and cities across the Unites Sates to identify differences among the costs and detection of anomalies.

Data analytics of telemarketing data Oct - Dec 2015
Developed a model that uses data from previous marketing campaigns to segregate the customer population and target the right customer to increase sales.

Feature extraction using CRF Feb - Apr 2013
Part of a project in collaboration with General Electric to convert noisy airplane data of pilot conversation into meaningful insights using Named Entity Recognition.

EXTRA CURRICULAR ACTIVITIES

State Level Swimmer
ASCA (American Swimming Coaches Association) Level 2 certified coach
St Johns Certification in First Aid
American Heart Association certified Heart Saver
Senior Mandolin Player - Indian Classical Music

SKILLS

Programming languages
Java, Python, R, Hadoop, Android

Analytics platforms
Matlab, R Shiny, Tableau, SQL Server

COURSES

- Machine Learning
- Data Mining
- Applied Data Science
- Distributed Systems
- NoSQL Databases
- Statistics
- Econometrics
- Advanced Business Analytics

NOTABLES

3rd Place - IBM Data Hackathon
CMU
Our analysis of 311 data to predict spike in calls was awarded 3rd spot in the IBM Data hackathon

Best Out-Going Student
RVCE
Awarded best outgoing student for Information Science batch of 2014, RVCE

2nd Rank, Info Science
RVCE
Secured 2nd Rank during my undergraduate program in Information Science in a class of 75

Best Paper Award
CSI
My paper "An Automated System as an Alternative to Radio Diagnosis" was awarded the best paper award at the Computer Society of India convention

3rd Best Idea, Hackathon
CISCO
Our idea of smart street lights was chosen as the 3rd best idea at HackIT hackathon at Cisco, India

HOBBY PROJECTS

NBA salary predictor
Developed a model that uses player performance to predict salary next season

Restraunt expansion locator
Developed an application that suggests restraunts the next best location to expand

True cost of higher education
Data Analysis to discover the finer relation between income and cost of education.

Smart bus allocator
Web application that optimizes allocation of city busses in Bangalore, India

Activity manager
Web application that manages actvities in a department & generates reports

Media server
Webapp that can transfer and stream live images, files & videos on wireless LAN