

Sasanka (Sashi) Gandavarapu

Ph: 408-806-3994 | 12201 Masters Way, Atlanta, GA, 30005 | sasanka.gandavarapu@gmail.com

EDUCATION

Masters in Information and Data Science (MIDS), University of California Berkeley

Expected 2016, GMAT Score: 710

Courses include introduction to data structures, analysis of algorithms, data analytics and visualization using R, practical machine learning (SVM, regression, decision trees, random forest etc.), scaling big data analytics using latest techniques and software.

Masters in Civil Engineering- University of Wisconsin, Madison

December 2008, GPA: 3.8

Courses and research were focused on data analysis, econometric modeling, spatial statistics and urban planning. Thesis was focused on the study of how transportation infrastructure investments effect travel behavior.

Bachelors in Civil Engineering- Indian Institute of Technology (IIT), Madras

May 2007, GPA: 8.5/10

WORK EXPERIENCE (Overall - 7 Years)

Analytics & Services Manager (Big Data) | AirSage Inc.

January 2014 to Present

AirSage is a startup that receives high-volume high-velocity data (20Billion+ locations daily) from Verizon and Sprint mobile network event logs. I am leading a team responsible for data analytics, professional services along with research and development activities. My team prototypes new and innovative products using this anonymous wireless signaling data. For example, I led the effort to build a predictive ordering system for the real estate team of a big banking client. Also, currently, I am leading the effort to build a game changing product for the hedge fund industry that predicts visitor traffic (before earnings are released) for various business establishments.

SKILLS: Statistical modeling, predictive ordering, churn prediction, logistic and linear regression, random forest models and communication of data insights to C Level executives and clients

Big Data Analyst | AirSage Inc.

April 2013 to December 2013

Quickly became proficient working with very large datasets. Successfully developed process and methodology to scale services from a handful of clients to nearly 100 clients in a short period of time. This included using a combination of bash and python scripts to develop metrics for the existing data products, developing algorithms to prototype new features and adding value through data fusion with third party data sources. Played a pivotal role in 100% revenue growth for the startup company.

SKILLS: Data processing using Python (pandas, numpy, matplotlib), SQL and Condor, MapReduce, performing QA/QC, data visualization using GIS and R.

Senior Travel Modeler | CDM Smith

March-2009 to March-2013

Provided consulting services for predicting travel patterns and travel demand across various cities in the Country. Highly proficient in econometric models such as logistic regression, choice models and application development for forecasting travel demand. Market research for capital intensive infrastructure projects such as high-speed rail ridership forecasts and data analytics. Ridership forecasts were developed by estimating models that predict the probability of choosing rail over existing modes of choice (such as car or air travel). Supervised junior modelers, presenting and communicating results to clients and leading complex tasks in projects

SKILLS: Predictive analytics using models such as logistic and linear regression, logit and probit model estimation, SPSS, data visualization using GIS and TransCAD.