**SUCHISMITHA VEDALA**

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**SUMMARY**

Data scientist with experience in statistics, machine learning and software development. Skilled in neural networks, t-test, ANOVA and regression models. Highly proficient in programming with Python, R, C++ and SQL. Adroit at ad-hoc analysis, time-series analysis and storytelling with data.

**SKILLS**

R, Python, C#, Java, C++, C**,** Adobe Omniture, Google Analytics, PowerBi, Tableau, Fast Report, Excel**,** Typescript, JavaScript, HTML, CSS, PHP, Angular JS**,** MySQL, PostgreSQL, MongoDB**,** Hadoop, Spark, MapReduce, HDFS.

**EXPERIENCE**

***Statistics and Data Science Engineer,* Canary Systems Inc., Tucson, AZ Aug 2018 - Present**

* Performed time series and ad-hoc data analysis to help organizations take data driven decisions.
* Created statistical trendlines to provide Key Performance Indicators (KPI) as output.
* Discovered new patterns in data and implemented data modelling algorithms.
* Created automated anomaly detection system to track data discrepancies and analyzed its performance
* Integrated and processed various geotechnical data sources and monitored client systems and databases.
* Prepared daily status, operation reports, standard operating procedures (SOP) using FastReport.
* Automated data import, manipulation and integration using Python, R and SQL.

***Data Analyst,* American International Group Inc., (AIG), Houston, TX May 2017 - Aug 2017**

* Collaborated with clients to analyze project requirements and develop specifications.
* Implemented web data analytics using Adobe Omniture on a dynamic web framework to capture user activity.
* Successfully established Omniture API connection and set up XML data arguments in C#.
* Designed the card components of web frame using Angular and Typescript.
* Performed storytelling and data analysis in Power BI.
* Worked in an agile methodology and used Team Foundation Server (TFS) for Sprint Planning.

***Data Scientist,* C.T. Bauer College of Business, Houston, TX Oct 2016 - May 2017**

* Developed models to perform data integration with different APIs.
* Performed sentiment analysis on text and emotional analysis on Youtube 8M video data set.
* Implemented speech recognition to extract audio text from videos.
* Created queries, stored procedures and Views in PostgreSQL and implemented using Python.
* Presented the key factors affecting video outreach across different platforms in Tableau.

***Software Developer,*** **F9 technologies, Visakhapatnam, India Jun 2014 - Jul 2014**

* Developed an android application to search a user’s nearby places.
* Implemented dynamic interactive user interface for the mobile application using XML and Java.
* Recognized for impressive web page design using HTML, CSS, JavaScript and PHP.
* Implemented agile software development process and performed A/B testing.
* Extensively involved in project design, analysis, implementation and testing.

**EDUCATION**

**College of Natural Science and Mathematics, University of Houston, Houston, TX May 2018**

Master of Science in Computer Science, Majors in Data Analytics GPA 3.25/4.0

**GITAM University, Visakhapatnam, India Apr 2016**

Bachelor of Technology in Computer Science GPA 8.74/10.0

**PROJECTS**

# *Opinion Spam Detection using Convolutional Neural Networks in Tensor Flow.* Oct 2016 - Dec 2017

* Developed neural network model to classify unseen reviews using the Yelp Data set.
* Achieved an accuracy of 98.4% by implementing the model in Tensor flow on GPU.

**CERTIFICATIONS**

* ***Nanodegree in Data Analyst,*** Udacity **Aug 2018**
* ***Google Analytics Individual Qualification (GAIQ),*** Google Analytics Academy. **Jun 2018**