SUCHISMITHA VEDALA

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SUMMARY

Junior data scientist with experience in Statistics, machine learning and software development. Skilled in developing insights and data analysis and highly proficient in programming with Python, R, C++ and SQL.

SKILLS

Programming Languages: R, Python, C#, Java, C++, C
Analytics Tools: Adobe Omniture, Google Analytics, YouTube Analytics, PowerBi, Tableau, Fast Report, Excel
Scripting Languages: Typescript, JavaScript, HTML, CSS, PHP, Angular JS
Databases: MS SQL Server, MySQL, SQLite, PostgreSQL, MongoDB
Tools: MATLAB, SVN, Git, Visual Studio, LaTex, XCode, Eclipse, IBExpert,
Bigdata Ecosystems: Hadoop, Spark, MapReduce, HDFS
Web Services: SOAP, REST, XML, JSON

EXPERIENCE

Statistics and Data Science Engineer, **Canary Systems Inc., Tucson, AZ**   **Aug 2018 - Present**
- Integrate and process various geotechnical data sources and monitor client systems and databases.
- Develop statistical methods for filtering and analyze the trendlines in data.
- Develop methods for correlating and understanding disparate data sources.
- Prepare daily status and operation reports and provide project documentation.
- Performing quantitative data analysis and custom reporting to help organizations take data driven decisions.
- Extensively involved in client interaction and meeting business requirements.
- Develop procedures, queries and scripts in SQL to perform data organization and manipulation.

Data Analyst, **American International Group Inc., (AIG), Houston, TX**   **May 2017 - Aug 2017**
- Collaborated with clients and off-shore teams to analyze project requirements and specifications.
- Implemented web data analytics using Adobe Omniture on a dynamic web framework to capture user activity.
- Worked with SQL to perform data manipulation to store, analyze and map the captured data.
- Developed card components of a web framework using Angular and Typescript and performed Unit testing.
- Performed Data Visualization using PowerBi for designing interactive dashboards.
- Worked in an agile methodology and used TFS for Sprint Planning.

Data Scientist, **C.T. Bauer College of Business, Houston, TX**   **Oct 2016 - May 2017**
- Worked on Data Processing and Mining using pandas for research activities and analysis with different APIs.
- Implemented facial recognition machine learning algorithms and Performed Emotion analysis on videos.
- Implemented speech recognition in Python to extract audio text from videos.
- Created regression and linear models, performed normality, wilcox, t-test and Anova tests to support the hypothesis assumptions and provide insights into the data.
- Experienced with creating and implementing custom shapes and filters in Tableau.

Software Developer, **F9 technologies, Visakhapatnam, India**   **Jun 2014 - Jul 2014**
- Developed an Android application to search a user's nearby places and features to enable user interaction.
- 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.

EDUCATION

College of Natural Science and Mathematics, University of Houston, Houston, TX   **May 2018**
Master of Science in Computer Science, Majoring in Data Analytics   GPA 3.25
GITAM University, Visakhapatnam, India   **Apr 2016**
Bachelor of Technology in Computer Science   GPA 8.74/10

CERTIFICATIONS

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