SUCHISMITHA VEDALA

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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**

EXPERIENCE

Technology Analyst, **American International Group Inc. (AIG), Houston, TX**   **June 2017 – Aug. 2017**
- Implemented data analytics using 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 and designed dashboard using PowerBi for effective visualization of data.
- **Skills:** TypeScript, AngularJS, HTML, CSS, C#, Share-point, Omniture, SQL, Power BI.

Application Developer, **F9 Technologies, Visakhapatnam, India**   **June 2014 - July 2014**
- Developed an Android application to search a user's nearby places.
- Implemented dynamic interactive user interface.
- **Skills:** Java, Mobile Application Development.

ACADEMIC EXPERIENCE

Instructional Assistant, **C.T. Bauer College of Business, Houston, TX**   **Aug. 2017 - Present**
- Managing and handling up to 850 students with their course work.
- Working with a team of 8 in organizing career events at the Rockwell Career Center.

Research Assistant, **C.T. Bauer College of Business, Houston, TX**   **Oct. 2016 - May 2017**
- Data Processing and Mining using pandas for research activities and analysis with different APIs.
- Performed Emotion analysis on videos using machine learning algorithms.
- **Skills:** Python, YouTube Analytics, Microsoft analytics, PostgreSQL.

ACADEMIC PROJECTS

Reinforcement Learning in Grid World   **Oct. 2017 – Dec. 2017**
- Analyzed how an agent learns in a grid world using Q and SARSA learning and developed a visual world.
- **Skills:** Python, Tkinter, Reinforcement Learning.

YouTube Advirality   **Jan. 2017 – Apr. 2017**
- . Performed Analysis of virality of YouTube videos across different platforms.
- **Skills:** Python, Facebook API, YouTube API, LinkedIn API, Google API, Twitter API, Postgres SQL

Opinion Spam Detection using Convolutional Neural Networks in Tensor Flow   **Oct. 2016 – Dec. 2016**
- Implemented convoluted neural networks in tensor flow to train and predict the Yelp user reviews data
- Achieved the accuracy of 98% in classifying test data.
- **Skills:** Python, Neural Networks, TensorFlow

SKILLS

Programming Languages: R, Python, C#, Java, C++, C
Scripting Languages: Typescript, JavaScript, HTML, CSS, PHP, Angular JS
Databases: MS SQL Server, MySQL, SQLite, PostgreSQL
Technical Software: Hadoop, MATLAB, Tableau, Visual Studio
Operating Systems: Windows, Linux, OS X

CERTIFICATIONS

Nanodegree in Data Analyst, Udacity   **Mar. 2018 - Present**
Sharepoint Site Manager, Udemy   **Apr. 2018**
Creating Interactive Dashboards in Tableau, Linkedin Learning   **Apr. 2018**