

SUCHISMITHA VEDALA

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EDUCATION

College of Natural Science and Mathematics, University of Houston, Houston, TX

Master of Science in Computer Science, Majoring in Data Analytics

May 2018

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.
- Developed card components of a web framework using Angular and Typescript.
- 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 – May 2018

- Managing and handling up to 850 students with their course work.
- Working with the team in organize 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

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

Emotion Analysis of Videos

Sep. 2016 - Dec. 2016

- Developed scripts to capture the emotions of a person in every fragment and return a text result.
- Implemented facial recognition algorithms using OpenCV and Microsoft API.
- **Skills:** Python, Microsoft analytics, PostgreSQL.

SKILLS

Programming Languages: R, Python, C#, Java, C++, C

Analytic Tools: Adobe Omniture, Google Analytics, YouTube Analytics, PowerBi, Tableau

Scripting Languages: Typescript, JavaScript, HTML, CSS, PHP, Angular JS

Databases: MS SQL Server, MySQL, SQLite, PostgreSQL, Mongo DB

Technical Software: Hadoop, MATLAB, 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