

Sai Hitesh Velaga

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EDUCATION

University of Maryland - Baltimore County (UMBC), Baltimore, MD

Expected: May 2023

M.P.S. in Data Science

CVR College of Engineering, Telangana, India

July 2021

B.Tech. Computer Engineering; GPA – 3.6/4.00

TECHNICAL SKILLS

- Programming/Scripting Languages: Python, SQL, R, C/C ++, Java.
- Technology/ Tools: Anaconda, Git, Tableau, Weka, IBM Watson, SAS, GCP, KNIME, Hadoop, RStudio.
- Analytical: Data Analysis, Machine Learning, Data Mining, Artificial Intelligence, NLP.

CERTIFICATIONS

- IBM Data Science Specialization, A specialization on Coursera from IBM
- Advanced ML with TensorFlow on GCP Specialization, A specialization on Coursera from Google
- Big Data Specialization, A specialization on Coursera from University of California San Diego
- SAS Programmer Specialization, A specialization on Coursera from SAS
- Advanced Business Analytics Specialization, A specialization on Coursera from University of ColoradoBoulder

WORK EXPERIENCE

Data Analyst Intern, MedTourEasy

(Sep 2020 – Oct 2020)

- Performed Exploratory Data Analysis using Python patient's data. Selected the best model based on accuracy, F1 score and AOC. Deployed an ANN classification model, for finding the potential blood donors.

Python Developer (Machine Learning), CodeSpeedy Technology Private Limited

(Jul 2020 – Aug 2020)

- Developed a web scraper using Python's libraries for scraping data from Flipkart. Performed EDA using python and built a classification model using LSTM for sentiment analysis.

Data Analyst Intern, Sirveen Control Systems Private Limited

(May 2020 – June 2020)

- Worked along with other interns on finding a better set of hyperparameters using Holdout cross-validation, k-fold cross-validation and stratified k-fold cross-validation for the Train Charting project.

Data Analyst Intern, The Shaadi Times

(May 2020 – June 2020)

- Gathered the required data from various source on the web and performed EDA on it. Later gave a presentation on the findings and presented the employee with a final report.

PROJECTS

- **TV Recommender System**
 - This project includes building of a web scraper for scraping the TV data from Flipkart and storing it in a database. Then performing ETL and later performing analysis and at the end building a TV recommender system that gives top 3 picks based on user requirements.
- **Data Scientist Salary Prediction**
 - This project includes two steps. The first one is to scrape data from Glassdoor website using web scraper and then cleaning it and performing data analysis on it. At the end building a model to predict the salary of a Data Scientist.
- **Disaster response project**
 - This project's aim is to build an NLP model to categorize messages on a real time basis. This includes Processing data, building an ETL pipeline, cleaning the data, saving them in an SQLite DB, building a ML pipeline which can classify text message in various categories.

HONORS & AWARDS

- Merit scholarship for outstanding academic performance (Govt of Telangana) Aug 2020-May 2021
- Merit scholarship for outstanding academic performance (Govt of Telangana) Aug 2019-May 2020
- Merit scholarship for outstanding academic performance (Govt of Telangana) Aug 2018-May 2019
- Merit scholarship for outstanding academic performance (Govt of Telangana) Aug 2017-May 2018

EXTRACURRICULAR ACTIVITIES

Vice-Captain, CVR basketball team, CVR College of Engineering.

Sep. 2017 – March 2020

Event Coordinator, Ciencia, CVR College of Engineering.

Sep. 2017 – July 2021