Pauras Premraj Jadhav

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OBJECTIVE

A highly motivated Computer Science graduate student seeking full-time opportunities in Data Science/Machine Learning who will be able to bring quality, integration and dedication to the team and is ready to work with upmost sincerity and commitment.

EDUCATION

Master of Science, Computer Science **GPA – 3.78 / 4.0**
Ira A. Fulton School of Engineering – Arizona State University, Tempe **(Aug 2019 - May 2021)**
Courses: Algorithms, Statistical Machine Learning, Mobile Computing, Perception in Robotics, Data Mining, Data Visualization, Natural Language Processing, Data Processing at Scale, Social Media Mining, Cloud Computing.

Bachelor of Engineering, Computer Engineering **CGPA – 7.63 / 10**
Ramrao Adik Institute of Technology – University of Mumbai **(Jul 2015 – May 2019)**

TECHNICAL SKILLS

Language and libraries: Python, Java, HTML, CSS, JavaScript, NodeJs, SQL, PHP, R, C, Go, Numpy, Pandas, Android.
Frameworks and Software: TensorFlow, PyTorch, Matlab, Flask, ExpressJs, ReactJs, MongoDB, PostgreSQL, Tableau.

RELEVANT WORK

Graduate Research Assistant – Data Science and Analytics Lab (May 2020 – Present)

- Built a Web Scrapper that was able to procure 5000+ meta-data documents from the National Science Foundation to be used for data collection.
- Developed an NLP pipeline for the Analytics lab to help with Cleaning, Preprocessing, Training, Evaluating and Maintaining data for analysis.
- Built multiple visualizations using the data from the trained Topic Model to identify how Women of Color appear in NSF and other agencies.

Machine Learning Intern – Sensagrate (May 2020 – Jul 2020)

- Successfully modified an existing face recognition model to identify face masks.
- Built microservices using Flask to integrate the face/face mask recognition model with the Sensacat web application.

Web Development Intern – SDG, RAIT, Mumbai, India (Jun 2017 – Sep 2017)

- Developed Automated Transcript generation software for automating manual process tasks.
- Contributed by creating multiple modules for the software including Async updates to grades and Database management.

PROJECTS

Covid-19 Twitter Analysis (Python, Tensorflow, Keras, Matplotlib, R, NLP)

- Worked on a funded project under the Unit for Data Science at ASU analyzing the Tweets related to Covid-19.
- Used NLP to filter out tweets related to COVID-19 Graphs and built a multi-class classifier using CNN to identify graphs.
- Used R and Matplotlib to Visualize the clusters of the images obtained from the classifier.
- https://resilience.asu.edu/simeone-project

The Food Explorer - Recommendation System (Python, NLP, D3.Js, HTML, Bootstrap)

- Designed a restaurant recommendation system using the Yelp Dataset based on the quality of food by understanding sentiments of user reviews in the context of the food.
- Used techniques like Named Entity Recognition, FuzzyWuzzy and Sentiment Analysis. Calculated heuristic measures to discover and recommend state-wise trends in food.

Sign Language Recognition App (Java, Android Studio, Python, Tensorflow, PoseNet, Flask)

- Built an Android app that can record new sign language gestures and detect them using Machine Learning by making use of technologies like Tensorflow and PoseNet.
- Wrote RESTful APIs using Flask to use the recognition model in the Android Application.

CERTIFICATIONS

- Coursera Neural Networks and Deep Learning (May 2020).