Rushmitha Sri Dhulipalla

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Education

Southeast Missouri State University *Cape Girardeau, MO, USA*

MASTER OF SCIENCE IN COMPUTER & INFORMATION SCIENCES, GPA: 4.0/4.0 *Jan 2020 - Dec 2021*

Course Work: Artificial Intelligence, Data Analytics, Distributed Cloud Computing, Mobile Computing, Advanced Programming, Languages, Human Computer Interaction(HCI),Computer Forensics, Cyber Security

Vignan's institute of info Tech *Visakhapatnam, AP, INDIA*

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE & ENGINEERING, Percent: 80.39 Sep2014 - *Apr2018*

Technical Skills

Languages & Platforms:	Python, C, JAVA, Go, Linux, Windows.
Web Development, Databases:	HTML5, CSS, Web API, JavaScript.
IDE's:	Visual Studio, PyCharm, Jupyter Notebook, Eclipse, NetBeans
Machine Learning:	Regression, Classification, Dimensionality Reduction, Clustering, K-Means Clustering, Naïve Bayes, Neural Networks, Deep Learning
Data Science Libraries:	Pandas, NumPy, Matplotlib, sklearn, scikit-learn, TensorFlow, SciPy, Kera's.

Work Experience

Python Developer

Accenture PVT LTD• (*August 2018 – November 2019*)

- Develop easy to use documentation for the frameworks and tools developed for adaption by other teams
- Iterate rapidly and work collaboratively with product owners, developers, and other members of the development team.
- Contribute to the design and development of application features. Managed large datasets using Panda data frames and MySQL.
- Worked with JSON based REST Web services.
- Carried out various mathematical operations for calculation purpose using python libraries

Academic Projects

Driver Drowsiness Detection using Image processing (Python, OpenCV) *Jan. 2018 – Apr 2018*

- Driver inattention is one of the main causes of traffic accidents. Monitoring a driver to detect inattention is a complex problem that involves physiological and behavioral elements.
- To begin, the driver's face is first located in the input video sequence. It is then tracked over the subsequent images. Face detection and tracking are performed in parallel so that the precise can be improved.
- A few video sequences with the drivers of different ages and genders under various illumination and road conditions were employed to demonstrate the performance of the proposed system.

Substitution Cipher Application(HTML5,CSS,JavaScript) *Mar 2020-Apr2020*

- The purpose of this application is to perform various kinds of substitution cipher algorithms. Some of them are ROT13, Ceaser cipher, Simple substitution cipher, where users able to encrypt and decrypt the content.

Drone Sound Classification using Deep Learning (Python, Jupyter Notebook) *Oct. 2020 - Dec. 2020*

- we aim to analyze and classify the Drone Sound based on the Deep Learning approach of machine learning. For this, we have collected 66 audio files in .mp3 format and trained and tested using the python programming language integrated with machine learning tools which can predict the class our of desires. We predict the class vehicles drone class among the class.

Data Analysis on COVID-19 Data sets (Python) *Feb 2021-Apr2021*

- We have extracted covid data from the Kaggle website. After extracting the data, we have done analysis using python and required packages. We applied data analysis concepts like Data cleaning, Data wrangling, Data Aggregating, Data modeling to perform some queries.

To-do list Application (Android Studio, Java) *Mar 2021 – May 2021*

- There are several To Do Android applications. Our app serves the purpose of the end users with no extra irrelevant information and multiple ads. It saves people's time and helps in reminding any important tasks or events.