# BHARGAV RAM NARA

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# CAREER OBJECTIVE

By using Masters in Data Analytics Engineering, and bachelor’s degree in Electronics and Communication Engineering, by aiming to use my Excellent Programming Skills and Problem-solving abilities to meet the needs and work as a Teaching Assistant.

# EDUCATION

Master of Science: Data Analytics Engineering, Expected in 12/2021

*George Mason University - Fairfax, VA*

Relevant Coursework: Applied Statistics & Visualization for Analytics and Meta Data Analytics

Bachelors: Electronics and Communication Engineering, Completed on 05/2018

*Vellore Institute Of Technology - India*

Relevant Coursework : Data Structures and Algorithms, Transmission lines and Fields, Probability theory and Random Process, Information Theory and Coding.

# SKILLS

*Languages*: Python, R, C, C++, JAVA,MATLAB.

*Databases*: SQL, NoSQL.

*Visualization-tools*: Tableau, Weka

*Statistical Techniques*: Linear, Integer and Network Programming including Sensitivity Analysis.

# WORK HISTORY

Software Associate, 12/2018 to 10/2019

*Tech Dynamix IT Pvt Ltd -Bangalore, India*

* Developed Existing Software to Develop New Applications
* Coordinated with Hardware Engineers to ensure quality.

Intern, 05/2018 to 10/2018

*Technospark IT Solutions – Vijayawada, India.*

* Internship on Web Designing
* Designing websites using different programming skills

# PROJECTS

Classifying the wine quality

* Data has been preprocessed and analysis to the data.
* By using correlation matrix and via cross tabulation we have selected our algorithm and performed over sampling.
* Done the feature engineering by One hot encoding technique and normalized to bring the data into one
* After the Prediction is done we aim to find the patterns and insights by clustering it.
* Used k-means Algorithms to analyze

Customer Segmentation Using Machine Learning Algorithms

* The Project Explains about Business and Customer needs and how businesses can be improved by developing insights.
* We used Decision Tree, Random Forest, K-means Clustering to Analyze.

Next Generation Passive Optical Network Stage2

* By using Multiplexing techniques to increase the wavelength of upstream and downstream in optical network
* Tools-MATLAB, Opti Systems

Analysis of incidence rates on Stomach cancer in USA

* By using the stomach cancer data set we analyzed the data and done visualizations on Rising falling of the incidence rates and also the trends of stomach cancer in USA
* Software- R studio

Digit Recognition Python Project

* The principal task in digit recognition python Project is to extract HOG features from the data base of handwritten digits to build a classifier.
* Then we predict the digits of the data base using the classifier
* Software- Python