

VINAY KUMAR BADAM

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EDUCATION

University of Memphis, Memphis, TN

January 2022 – December 2023

Master of Science in Data Science

GPA: 3.6/4.0

- Relevant Coursework: Machine Learning, Fundamentals of Data Science, Artificial Intelligence, Natural Language Processing, Advance Machine Learning, Database systems, Advance Statistical Learning.

Jawaharlal Nehru Technological University, Hyderabad, India

June 2015 – May 2019

Bachelor of Engineering

GPA: 81%

TECHNICAL SKILLS

Languages: Python, Java, R Language, SAS, C/C++, HTML5, JavaScript, Unix shell Scripting, Solaris Linux.

Machine Learning: Clustering and Classification, Predictive Analysis, Statistical Analysis, Regularizations, Natural Language Processing, Random Forests, KNN, Feed Forward Neural Networks, Ensemble methods, evaluation metrics

Databases: Oracle, SQL, PostgreSQL, MongoDB, NoSQL.

Packages: Pandas, NumPy, request, Beautiful Soup, selenium, Scikit-Learn, SciPy, Matplotlib, Seaborn, TensorFlow, PyTorch, Keras, Django, Arcpy.

Virtualization: Tableau, Power bi, Space Planning, Floor Planning

Operating Systems: Windows Family, Mac Os, Ubuntu, Linux, Unix, Cent OS 6.5.

Frameworks & Tools: Node, Bootstrap, GIT, Ruby on Rails.

Utility Tools: TOAD, Putty, SQL *Plus, Jira, SQL Developer, Service Now, Remedy, Control-M, Putty, Sales Force.

Platforms: Visual Studio, Pycharm, Anaconda, Google Collaboratory Python, Jupyter Notebook, GIT Hub.

EXPERIENCE

Software Engineer, Blue Yonder, Hyderabad, India

January 2021 – December 2021

- Expertise in Testing and Debugging skills, involved in multiple projects and tasks which enhances my coding skills.
- Ensured smooth communication between the development team and the client, focusing on a correct transition of the requirements and specifications.
- Enhances my analytical and Problem-Solving Capabilities.
- Assessing and prioritizing client feature requests.

PROJECTS & ASSISTANTSHIPS

Graduate Assistant

December 2022- Till date

- Duties to implement python tools and working with big data and involved in Data Cleaning, Data Manipulation, Data Filtering and Visualizing the data in various tools.
- Using SAS tools for Data visualization

Health Insurance premium prediction

August 2022 – December 2022

- Predict the health insurance premiums of customers of PSI six months in advance. The solution will be one python program that predicts the premium with an average relative error of at most 20% Summarized the performance result based on K nearest neighbor, SVM and Naive Bayes algorithms in terms of spam precision and accuracy.

Classifying reviews on movies and products

March 2022 – May 2022

- To classify the reviews from users and predict whether the user rating is negative or positive by Using text translation theories, Natural Language processing, and tools that convert text into formal and numerical terms to help in the application and success of the data-driven process.

Zomato reviews and ratings

January 2022 – March 2022

- Zomato review and rating project could involve analyzing and visualizing customer feedback on the food delivery and restaurant discovery platform. Summarized the results based on Decision tree, Random Forest SVM algorithms in terms of spam precision and accuracy.

PERSONAL SKILLS

- Have good communication skills and can work in a collaborative atmosphere.
- Strong ethical and professional conduct.