VASUDHA SURESH KADAM

B.Tech. - Computer Science and Engineering

Ph: +91-9503489284

Email: vasudha.kadam@mitaoe.ac.in

Pune, Maharashtra, India - 412105

LinkedIn: https://www.linkedin.com/in/vasudha-kadam-905882225/

BRIEF SUMMARY

A final year Computer Engineering Undergraduate with proficiency in C++, Python, and databases along with practical experience in implementing diverse Machine Learning Algorithms. Dedicated to making a profound impact in the realm of Data Science while actively exploring other domains. Confident in my ability to excel through exceptional communication, strong teamwork, and a solid academic foundation.

KEY EXPERTISE

C++ | Data Structures | Computer Networking | Python | Machine Learning | Deep Learning | Communication Skills

EDUCATION

MIT Academy of Engineering, Pune 2020 - 2024

B.Tech. - Computer Science and Engineering | CGPA: **9.16** / **10**

Yashoda college of arts, science and commerce, Satara 2020

12th | MSBSHSE | Percentage: **83.54** / **100**

Kanya Shala, Satara 2018

10th | MSBSHSE | Percentage: **97.20** / **100**

INTERNSHIPS

Steepgraph Pvt. Ltd. | Others 03 Oct, 2023 - 03 Jan, 2024

3DX intern

Currently, we are being trained on PLM fundamentals. The training part on 3DX PLM tool taught about the architecture of tool, interface and how to use the tool interface. Learnt the MQL commands to update the created objects, create administrative and business objects. Learnt how to manipulate the 3DX interface.

Celebal Technologies 03 Jun, 2023 - 03 Aug, 2023

Data Science Intern

Key Skills: Machine Learning | Deep Learning | Python

During my data science internship, I am able to gain hands-on experience in Python, machine learning, deep learning, and data science. Throughout the internship, I worked on various tasks and projects, applying my knowledge and skills to solve real-world problems, and developing proficiency in Python by utilizing it for data manipulation, analysis, and visualization. Implemented Python libraries such as NumPy, Pandas, and Matplotlib to perform data preprocessing and exploratory data analysis. Applied machine learning algorithms, such as linear regression, logistic regression, decision trees, and random forests, to build predictive models. Along with each session, we interns are asked to perform a weekly task. Throughout my data science internship, I successfully completed a series of challenging tasks that enhanced my proficiency in Python, machine learning, deep learning, and data science.

PROJECTS

Pneumonia Detection Using Deep Learning 01 Sep, 2022 - 29 Apr, 2023

Mentor: Pranali Lokhande | **Team Size:** 4

Key Skills: Machine Learning | Presentation Skills | python | Deep Learning

In this project, I had the opportunity to work with raw data and apply feature engineering techniques to develop a deep-learning model for pneumonia detection. The primary focus was on utilizing neural networks and Keras layers, specifically convolutional neural networks (CNNs), to achieve accurate and efficient detection. Obtained a dataset consisting of chest X-ray images, categorized as either pneumonia positive or pneumonia negative. Following the feature engineering part we constructed a deep learning model using Keras layers, including convolutional layers, pooling layers, and fully connected layers. Applied the trained CNN model to classify pneumonia in previously unseen chest X-ray images.

CO-CURRICULAR ACTIVITIES

- Coordinated and anchored the GirlScript Datathon 2023, overseeing the successful participation of 75+ teams while managing the event with excellence.

EXTRA CURRICULAR ACTIVITIES

- Vice-president of Menace Dance Club, engaged in impactful NSS initiatives along with my team, leading to achievements like planting medicinal plants, preventing idol immersion. Participated in Nakshatra 2k22 as well as Nakshatra 2k23