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SARTHAK ARVIND KASTURIWALE

Machine Learning | Data Science

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CORE COMPETENCIES

COMMUNICATION



Excellent Written And Verbal Communication Skills,
Confident, Articulate, and Professional Speaking
Abilities, Active Listening

TEAM PLAYER & QUICK LEARNER



Strong Commitment to the Team Environment,
Dynamics with the Ability to Contribute Expertise and
Follow Leadership Directives at Appropriate Times

MACHINE LEARNING



Comprehensive Knowledge of all the Supervised &
Unsupervised Machine Learning Algorithm

DEEP LEARNING



Adequate Knowledge of Artificial Neural Networks,
Convolutional Neural Networks, Recurrent Neural
Networks

NATURAL LANGUAGE PROCESSING



Adequate Knowledge of Various NLP techniques

PYTHON



Foundational Programming Knowledge for Machine
Learning and Data Science

SQL



Adequate Knowledge SQL

TABLEAU



Basics of Tableau

CAREER OBJECTIVES

A proactive and fast learning individual seeking for an opportunity to be a part of an organization, dedicate my proficiency and skills for the development of an organization to achieve business goals and exhilarated to work in an environment that challenges me to improve and constantly thrive for perfection in all the tasks allotted to me.

EDUCATION

Pune Institute of Computer Technology, Pune
(2018 – Current)

Master of Engineering

Currently Pursuing Master's Degree in Information Technology

Sipna College of Engineering & Technology, Amravati
(2014 – 2018)

Bachelor of Engineering

Pursued Bachelor's Degree in Information Technology with CGPA
7.56 / 10

PROJECT PROFILE

1. Book My Van (Graduation Project) :

The project aims towards developing a web application acting as a mediator between Parents and the School Van Drivers providing surety to parents towards safety of students who are going to travel to school by school vans and buses. "Book My Van" web application developed using HTML, CSS, SQL and PHP.

2. Osteosarcoma Detection Based on Texture Features of Histopathology Images (Master's Project):

The project aims to detect the Osteosarcoma (Bone cancer) by identifying the area affected by tumor and to classify the histopathology images into viable tumor, non-viable tumor and non-tumor. The system achieves the highest accuracy among the other supervised learning techniques i.e. accuracy up to 89.21%.

SKILLS

HANDS ON LIBRARIES



Numpy, Pandas, Scikit-learn

Matplotlib, Seaborn, Plotly

TensorFlow, Keras, OpenCV

COMMUNICATION



Comfortable with English, Hindi and Marathi

PUBLICATIONS

1. Sarthak A. Kasturiwale, Sachin S. Pande, "A Thorough Analysis of Inter Sentence Relations in Biomedical Texts", *IJARESM*, ISSN: 2455-6211, Vol. 8/Issue 9, September 2020.
2. Sarthak A. Kasturiwale, Sachin S. Pande, "Inter-Sentence Relationship Estimation in Medical Text by Using Machine Learning", *IPGCON*, 2020.
3. Sarthak A. Kasturiwale, Sachin S. Pande, "Discovering Inter - Sentence Relationship in Medical Text by using Machine Learning", *ICCE-2020*. (Submitted)

3. Inter - Sentence Relationship Estimation in Biomedical Texts Using NLP and Machine Learning (Master's Thesis):

The project aims towards identification of Inter - Sentence Relationship sets within the biomedical texts with the help of NLP, ANN and Random Forest Classifiers. The performance of the proposed system has measured using Precision, Recall, F-Score and gives the F-Score about 68.33%.

CERTIFICATIONS & AWARDS

- Data Science Foundations (IBM)
- Machine Learning A-Z™: Hands-On Python & R in Data Science
- Deep Learning A-Z™: Hands-On Artificial Neural Networks
- Tableau Consumer

EXTRA-CURRICULAR ACTIVITIES

- Team member in Vidarbha Cricket Association (VCA) tournaments representing Washim district.
- Under Secretary General – Admin for Vidarbha Model United Nations (VMUN) - 2017
- Worked as a Co -Trainer for Photoshop workshop
- Winner in Counter Strike 1.6 Championship held at P.R. Patil College of Engineering, Amravati in 2017.
- Participated in workshop on "Machine Learning : Hands on Python" by Dr. Vinay Kulkarni at Sipna College of Engineering and Technology, Amravati.

INTERESTS

Playing Cricket &
Counter - Strike

Travelling & Exploring New Places
Hangouts with Friends

DECLARATION

I hereby declare that above information is true and correct as best of my knowledge.

- Sarthak Arvind Kasturiwale