Dr. Shrishail Gajbhar

https://shrishailsgajbhar.github.io
shrishailgajbhar5@gmail.com | +91-7972046755

SKILLS

PROGRAMMING
Python, Modern C++, MATLAB

MACHINE LEARNING
Data Visualization
Supervised Learning
Unsupervised Learning
Ensemble Techniques

COMPUTER VISION
Image Classification
Object Recognition
Image Super-resolution

DEEP LEARNING
Convolutional Neural Networks

OTHER SKILLS:

Libraries: NumPy, Pandas, OpenCV, DLib, scikit-learn, Open3D
Frameworks: Keras, TensorFlow, PyTorch, Flask, OpenVINO
Version Control DevOps: Git, GitHub, Docker

EDUCATION

POST GRADUATE PROGRAM IN MACHINE LEARNING (PGP-ML)
Great Lakes Executive Learning
June 2020

DOCTOR OF PHILOSOPHY
DA-IICT, Gandhinagar
December 2017 | Gujarat, India
Thesis: Wavelets and filter banks: novel approaches for real and complex-valued transform designs

M.TECH., INSTRUMENTATION
SGGSIE&T, Nanded
June 2011 | Maharastra, India

B.TECH., ELE. & TELECOMM.
SGGSIE&T, Nanded
May 2008 | Maharastra, India

LINKS

Website:// Tech(B)Log
Github:// ShrishailSGajbhar
LinkedIn:// shrishailgajbhar
E-Portfolio:// dr–shrishail-sharad-gajbhar

EXPERIENCE

WIT | Assistant Professor
July 2017 – till date | Solapur, Maharashtra
- Working as assistant professor in department of Information Technology.
- Subjects taught: Artificial Intelligence, Machine Learning, IoT, Python, Java

DA-IICT | Teaching Assistant
July 2012 – June 2017 | Gandhinagar, Gujarat
- Conducted lab sessions for subjects: Advanced DSP, Signals and Systems, Statistical Communication Theory, Modelling and Simulation.

DA-IICT | Junior Research Fellow
July 2011 – June 2012 | Gandhinagar, Gujarat
- Worked on project "Immersive Navigation for a Walk-through Application" funded by Department of Science and Technology (DST), Govt. of India.

PROJECTS

PGP-ML PROJECTS:
- Identifying potential customers for loans (Skills: Logistic Regression, KNN, Classification)
- Predicting the term-deposit subscription (Skills: Classification, Decision Trees, Ensemble Techniques)
- Classifying silhouettes of vehicles (Skills: Support Vector Machines, Clustering, Principal Component Analysis, Classification)
- Predicting the strength of high performance concrete (Skills: Regression, Decision trees, feature engineering, Hyperparameter Tuning)
- Product recommendation systems (Skills: Collaborative Filtering)

KAGGLE PROJECTS:
- Predict Future Sales (Skills: Time Series Analysis, Data Visualization, Mean Encoding, Ensemble methods)
- Categorical Feature Encoding Challenge II (Skills: Classification)

CERTIFICATES:

SPECIALIZATION:
- TensorFlow in practice - Coursera

COURSES:
- How to Win a Data Science Competition: Learn from Top Kagglers - Coursera
- Data Science Math Skills - Coursera
- Getting Started with AWS Machine Learning - Coursera
- AWS Machine Learning Foundations Course - Udacity
- Introduction to Intel® Distribution of OpenVINO™toolkit for Computer Vision Applications - Intel - Coursera

REFERENCE(S)
- Dr. Manjunath V. Joshi, Professor, DA-IICT, Gandhinagar, Gujarat
- Dr. Raghunath . Holambe, Professor, SGGSIET, Nanded, Maharashtra