Shrikant Kendre

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Education

University of San Francisco, CA **Aug 2021 - Present**
Master of Science (Computer Science) **GPA: 4.0/4.0**
Courses : Machine Learning, Analysis of Algorithms, Principles of Software Development

University of Pune, India **Aug 2014 - Jun 2018**
Bachelor of Engineering (Computer Engineering) **GPA: 3.4/4.0**
Courses : Data Mining, Database Management Systems, Data Structures, Operating Systems, Software Engineering

Coursera
Courses : Machine Learning Specialisation, Deep Learning Specialisation, Machine Learning with AWS.

Experience

PhlexGlobal Pvt. Ltd. **Feb 2021 - Aug 2021**
Data Scientist(NLP, Deep Learning, Machine Learning) | Full Time

OCR with Named Entity Recognition | Python, Tensorflow, keras, openCV, numpy
- Improved PhlexEview OCR model using CNN and Bidirectinal RNNs with LSTM units and achieved **improvement in performance by 12%**.
- Helped client save nearly **$2 million** by building custom OCR with Handwritten Text Recognition capability.
- Built an NER tagging model using Bidirectional RNN with LSTM units on corpus of pdf documents.
- Performed text extraction on PDFs using openCV, NLTK and spaCy.

Cognizant Technology Solutions **Sep 2018 - Jan 2021**
Data Scientist(NLP, Deep Learning, Machine Learning) | Full Time

Search-Ad Click Prediction | Python, keras, pandas, sklearn
- Built a Convolutional Neural Network (CNN) model to predict ad recommendation.
- Deployed CLSM model using tf-servings over gRPC for **improving query response time to 5ms**.

Medicare Star Analytics | Python, pandas, numpy, matplotlib, seaborn
- Built Linear Regression, Random Forest and Gradient Boosting models for improving medicare plan ratings.
- Achieved **75% accuracy** predicting patient's health using gradient boosting with decision tree model.

Projects

Hate Speech Detection: Built a tweet monitoring system using a multi-class Naive Bayes algorithm.
Santander Customer Satisfaction : Implemented a Logistic Regression and Random Forest based model. Additionally, using feature selection we drastically reduced the feature space from **370 to 34 and achieved an accuracy of 81%.**

Technical Skills

Tools and Frameworks: TensorFlow, Keras, Scikit-Learn, pandas, numpy, mysql, KFlask, AWS, Azure, Git, Docker
Databases: MySql, MongoDB, RedShift
Languages: Python, SQL, Java, CSS, HTML

Publications

Aditya Gaydhani, Vikrant Doma, **Shrikant Kendre**, Laxmi Bhagwat, Detecting Hate Speech and Offensive Language on Twitter using Machine Learning: An N-gram and TF-IDF based approach., In Proceedings of IEEE International Advance Computing Conference, 2018

Accomplishments

Organizer and Lecturer at "Linuxication", Pune. **March 2018**
Gold Medalist in International Mathematics Olympiad . **March 2011**