

Mrugank Milind Akarte

Personal Information

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+91 7506245919

LinkedIn:

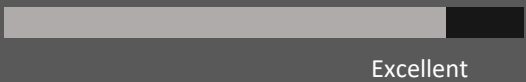
<https://linkedin.com/in/mrugank-akarte/>

GitHub:

<https://github.com/Mrugankakarte>
<https://mrugankakarte.github.io>

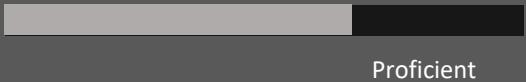
Skills

R



Excellent

Machine Learning



Proficient

Deep Learning



Proficient

Python



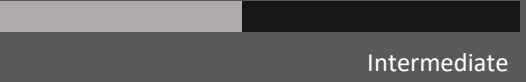
Intermediate

Spark, SQL



Intermediate

C++



Intermediate

Hobbies and Interest

Computer Games
Reading
Music
Sci-Fi and Action Movies
Lawn Tennis
Badminton

Certifications

- Data Science, a 10-course specialization by Johns Hopkins University on Coursera. Specialization Certificate earned on June 14, 2017
- Deep Learning, a 5-course specialization by DeepLearning.AI on Coursera. Specialization Certificate earned on June 26, 2018

Achievements

- Department topper for academic year 2015-16, 2016-17 and 2017-18
Vishwakarma Institute of Technology, Pune
- Recipient of Certificate of Merit and cash prize of Rs.5000
Kendriya Vidyalaya Sanghathan, New Delhi. (2012)

Publications

- 'Predictive Maintenance of Air Pressure System using Boosting trees: A Machine Learning approach', accepted for 51st Operational Research Society of India 2018 International Conference at IIT Bombay.
- 'Maintenance Performance Classification using Machine Learning with multi-criteria- A case of Dairy industry', accepted for 6th International Conference on Business Analytics and Intelligence 2018 at IISc Bangalore.
- 'Supplier Segmentation using Machine Learning', accepted for 6th International Conference on Business Analytics and Intelligence 2018.

Projects

Toxic Comments Classifier

Multi-headed model that's capable of detecting different types of toxicity like threats, obscenity, insults, and identity-based hate was developed using recurrent neural networks on Wikipedia comments dataset. A real time interactive application was also developed using Shiny in R to determine toxicity in a sentence using same model.

Predictive Text Model

A model to predict next word was developed using n-grams model on news articles and blogs. Average runtime for prediction was 40msec with less than 60mb of memory consumption.

Work Experience

Intern (Jan 2018 – May 2018)

Ellicium Solution Pvt Ltd, Pune

- Real time analysis of machine data using R.
- Application to execute business specific rules using java, drools and spark.
- Demonstrated python-based rule engine to evaluate business specific rules using spark as execution engine.
- Data cleaning, manipulation and model testing for a customer retention project in Insurance domain.

Education

2014 - 2018	B.Tech Production Engineering <i>Vishwakarma Institute of Technology, Pune (CGPA: 9.44)</i>
2013 - 2014	12 th CBSE Computer Science <i>Kendriya Vidyalaya IIT Powai, Mumbai (Percentage: 91.8)</i>
2011 - 2012	10 th CBSE <i>Kendriya Vidyalaya IIT Powai, Mumbai (Percentage: 95)</i>