Contact

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www.linkedin.com/in/avijayvargia (LinkedIn)

Top Skills

Machine Learning

Data Science

Algorithms

Languages

English

Hindi

Certifications

Machine Learning Foundations: A Case Study Approach

Cluster Analysis in Data Mining

Managing Data Analysis

Introduction to Big Data

Building a Data Science Team

Honors-Awards

Performer of the Quarter (Jan 2016 - Mar 2016)

1st Position in Software Development competition

1st Position Myst (Quiz Competition)

2nd Position in ClassByte (Java Based Competition)

2nd Position in Algo-Bunch (Algorithm based Competition)

Abhishek Vijayvargia

Data Scientist at Microsoft | Building AI Community | IIT Kanpur
Pune

Summary

Interested in real world Machine Learning and Data Science Problems. I am currently working in Text Analytic, NLP, Distributed Machine Learning (Spark) and Explainable AI

Experience

Microsoft
Data Scientist
March 2020 - Present (6 months)
Hyderabad, Telangana

Windows Defender SmartScreen
Creating intelligence to detect futuristic phishing URLs. Utilizing machine learning, deep learning, statistics, cybersecurity, and other computer science-related techniques to improve protection for Microsoft Edge users.

FogHorn Systems, Inc
2 years 1 month

Data Scientist - III
January 2020 - March 2020 (3 months)
Pune Area, India

Lead a team of data scientists and work industry-related problems including sensor data insights on edge (low configuration IoT device), Face recognition with spoofing detection using a thermal camera, Acceleration prediction using driver's behavior in a running sports car and many IoT ML related problems. Successfully deployed the solution with high performance and speed on the edge.

Data Scientist - II
March 2018 - January 2020 (1 year 11 months)
Pune, Maharashtra, India

Fresh Gravity Inc.
Data Scientist | Senior Consultant, Data Science
July 2015 - March 2018 (2 years 9 months)

Lead a team of Data Scientists, Data Engineers and Data Analysts. Worked with multiple client in Manufacturing, Oil and Gas, Transportation, Shipping and Government organizations. Lead the effort of end to end delivery of data science projects.

Informatica
Research Intern
May 2014 - July 2014 (3 months)

Added Decision trees, Random forest and Softmax Regression algorithms in MLP architecture (Informatica Machine Learning Platform).
Plugged in weka (Machine Learning Library) to Informatica MLP architecture.
Characterized performance of various classifiers and library on given dataset.
Added support for Ensemble methods and Defined interfaces for Artificial Data Scientist.

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Education

Indian Institute of Technology, Kanpur
Master of Technology (M.Tech.), Computer Science · (2013 - 2015)

Govt. Engg. College Ajmer
Bachelor of Technology (B.Tech.), Computer Science · (2008 - 2012)

DAV Senior Secondary School
Senior Secondary · (2002 - 2008)