

Education

Atlanta, Georgia <ul style="list-style-type: none">M.S in Computer Science (Machine Learning). GPA: 4.0	Georgia Institute of Technology	Aug 2017 – Dec 2019
Allahabad, India <ul style="list-style-type: none">B.E in Information Technology. GPA: 3.74 (9.34/10)	Indian Institute Of Information Technology	July 2010 – July 2014

Employment

Software Engineer III Machine Learning Platform <ul style="list-style-type: none">Designed and implemented micro-services to create on-demand cloud servers (IDEs) (Rstudio, Jupyter, Zeppelin etc).Designed and implemented system to periodically execute long running machine learning jobs with on-demand compute resources.Created Python and R API to manage package and library dependencies required for running ML models through Hadoop Streaming.Created containerized Scoring Servers for various Data Science applications, reducing the maintenance overhead.	WalmartLabs	Dec 2016 – July 2018
Staff Software Engineer IBM Data Science Experience <ul style="list-style-type: none">Designed and implemented Real-Time Scoring APIs for IBM Watson ML platform powered by Apache Spark.Created an Apache Spark powered execution engine of an Internal Entity Resolution Language.	IBM Analytics	May 2015 – Dec 2016
Software Developer Search Analytics and Reporting Platform <ul style="list-style-type: none">Created and maintained data pipeline for generating partner insights reports for Yahoo broadband partners.Improved data processing time using Apache Hive, Apache Impala and Apache Oozie.	Yahoo Inc	July 2014 – May 2015
Software Developer Intern Yahoo Answers ! <ul style="list-style-type: none">Simplified Hadoop based analysis of Yahoo answers grid dump data, and created data pipeline to integrate server logs in the same hadoop cluster.	Yahoo Inc	Feb 2014 – May 2014

Technical Experience

Projects

- Leveraging Social Media and Threat Intelligence Data Feeds to Detect Early Signs of Internet Abuse.** Designing a ML system, based on graph streaming analytics, that continuously monitors social media feeds, and multiple threat intelligence data feeds to detect early-stage evidence of cyber attacks.
- Unsupervised Word Sense Disambiguation.** Project aims to disambiguate the meaning of target word in a given paragraph or paragraphs. Algorithm achieved 80% accuracy on SENSEVAL-1 and SENSEVAL-2 datasets.

Certifications

- Deep Learning**, a 5-course specialization by deeplearning.ai on Coursera.
- Machine Learning**, by Stanford University on Coursera.

Languages and Technologies

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- Java, C++, C, Scala, Python, R (basic)
 - Apache Spark, Apache Hadoop, Micro-Services, RESTful API, Apache Hive, Apache Oozie, Docker, Kuberenets, Apache Nginx, Numpy, Pandas, Tensorflow.

Achievements and Awards

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- Contributed to open source projects - Apache Spark and Apache Atlas.
 - First Prize in Go-Hack organized by Go-Jek India in February, 2017.
 - First Prize in Apache Spark Hackathon organized by Sigmoid India in October, 2016.
 - Ranked 34 in ACM-ICPC Kanpur Regionals onsite in 2012, and participated in ACM-ICPC Kanpur regionals in 2013.