

Sreejith Sreekumar

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Education

Northeastern University, Boston, MA

Jan. 2017 - Present

CANDIDATE FOR MASTER OF SCIENCE IN DATA SCIENCE

Expected Graduation: Dec 2018

- Related Courses : Supervised Machine Learning, Natural Language Processing

Government Engineering College, Thrissur

Sep. 2009 - June 2011

BACHELOR OF TECHNOLOGY

- Related Courses : Data Structures and Algorithms, Database Management Systems, Programming Paradigms, Numerical Analysis and Optimization Techniques, Design and Analysis of Algorithms

Technical Knowledge

Specialities Natural Language Processing, Classification and Clustering, Regression, Scalability & Distributed Computing

Programming Python, R, Scala, Shell Scripting, Java, Groovy, Javascript

Big Data Ecosystem Apache Spark and Spark Mllib, Apache Hadoop, Hive, Flume, Sqoop, Oozie

Databases MySQL, MongoDB, HP Vertica, H2

Domains E-commerce

Certifications Scalable Machine Learning(edX), Introduction to Big Data with Apache Spark (edX), Machine Learning(Coursera)

Experience

[24]7 Innovation Labs

Bangalore India

SENIOR DATA ENGINEER

June 2016 - Dec 2016

- Designed and developed a natural language toolkit on PySpark for chat transcript data analysis and modeling.
- Achieved an accuracy of 90% in modeling chat transcripts and classifying them for user intent prediction.
- Configured and scaled the toolkit on a multi-cluster environment with three apache spark nodes.

[24]7 Innovation Labs

Bangalore, India

DATA ENGINEER

May 2015 - June 2016

- Analyzed and modeled user data from web for several clients in the e-commerce domain for increasing chat propensity and uplifting purchases.
- Integrated SVM algorithm into the domain specific custom modeling tool and scaled over a million data points.

Xurmo Technologies Pvt. Ltd.

Bangalore, India

SOFTWARE ENGINEER

Feb 2015 - May 2015

- Developed and maintained machine learning modules of the flagship product of the company - Big data analytics platform.
- Developed and integrated machine learning algorithms on Apache Spark (Java).
- Developed HTTP based APIs for data retrieval and processing for the platform.
- Developed custom analytics functions for the engine data transformation.
- Wired up data ingestion and services APIs of the product.
- Built user interface for platform customers.
- Developed analytics applications on the platform - Text exploration engine, Stock market movement prediction, Sentiment analyzer, Customer churn prediction.

Xurmo Technologies Pvt. Ltd.

Bangalore, India

INTERN

July 2011 - Feb 2012

- Implemented data collection modules for an enterprise knowledge discovery application.
- Collaborated for building data indexing and query optimization modules.

Honors & Awards

May 2016 **Above and Beyond**, Award for best team performer, Innovation Labs [24]7

Bangalore, India

Sep 2016 **Super Trooper**, Award for best team of the year(4 members) - Innovation Labs [24]7, FY 15-16

Bangalore, India