

# 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 IN COMPUTER SCIENCE AND ENGINEERING

- 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 2012 - 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