

Manu Sreekumar

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SUMMARY: Motivated Masters in Data science Student with 5+ years of experience developing automation software and quality assurance of mission critical financial software. Strong critical thinking, communication and leadership skills with a deep-rooted passion for data driven analytics.

EDUCATION

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| Masters of Science: Data Science | Illinois Institute of Technology | Aug 2017 – present |
| Bachelor of Technology: Electrical and Electronics | Federal Institute of Science and Technology | Aug 2008 - Jun 2012 |

WORK EXPERIENCE

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| Tata Consultancy Services | Business Analyst, Automation Engineer | Nov 2012 – May 2017 |
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SKILL SET

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| Languages: | Expert in Python, R and SQL. Proficient in Scala, Java, C#, C, C++. |
| Databases: | Expert in MySQL and PostgreSQL. Proficient in HBase, MongoDB, Pig, Hive, Cassandra. |
| Tools/Platforms: | Solid experience in Microsoft Azure, HDFS, Apache Spark, SAS, Gephi, Tableau |

PROJECTS

Telecommunications Big Data Analysis, Illinois Institute of Technology

Identified interaction patterns of key stations and demographics in the city of Milan using Spark GraphX in Azure Platform to upgrade the current infrastructure for business growth

Public Safety Crime Analysis, Illinois Institute of Technology

Built Classification Model in R using Logistic Regression and Random Forests. Built web app using R Shiny to forecast criminal incident hotspots with 78% accuracy.

Fake News Identification in Reddit, Illinois Institute of Technology

Created Prediction model to identify Fake News posts with 86% accuracy using text mining and network analysis. Employed SVM feature selection and Naïve Bayes classification using Python Sci-Kit Learn.

Hybrid Automation Framework, Tata Consultancy Services

Successfully lead project team towards development of GUI automation framework in Unified Functional Testing platform using VBA. Reduced quality assurance costs for American express software releases by 30%.

AWARDS AND CERTIFICATIONS

“**Bravo award**” (For Outstanding Dedication and Service), American Express Clients
“**Competent Communicator and Leadership Certification**”, Toastmasters International

ADDITIONAL DETAILS

Past President of Toastmasters Club, TCS Charter, Kochi.
Acting and Playwriting - Won numerous accolades for acting and directing plays.