Manu Sreekumar

Chicago, IL – 60616 | 603-205-5986 | msreekumar@hawk.iit.edu | https://www.linkedin.com/in/manu-sreekumar

SUMMARY: Motivated Masters in Data science Student with 5+ years of experience in information technology space. Strong critical thinking, communication and leadership skills with a deep-rooted passion for data driven analytics.

EDUCATION

Masters of Science: Data Science	Illinois Institute of Technology	Aug 2017 - May 2019
Bachelor of Technology: Electrical and Electronics	Federal Institute of Science and Technology	Aug 2008 - Jun 2012

WORK EXPERIENCE

Tata Consultancy Services	Software Analyst, Automation Engineer	Nov 2012 – May 2017

Successfully lead project teams for developing automation products and quality assurance of critical financial product releases for American Express. Highly Skilled in people management, communication and business knowledge.

SKILL SET

Languages:	Advanced level in Python, R, C# and SQL. Proficient in Scala, Java, C, C++.
Databases:	Expert in MySQL, PostgreSQL. Proficient in HBase, MongoDB, Pig, Cassandra.
Tools/Platforms:	Solid experience in Microsoft Azure, HDFS, Apache Spark, SAS, Gephi, Tableau
Others:	Expertise in Frequentist, Bayesian Statistical Modelling and Predictive Analytics

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 and determined key areas of improvement for enhancing 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 large scale automation framework for testing core business functionalities using HP - UFT . 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. Won Numerous prizes in **Acting** and **Playwriting.**