# Rakhi Saxena

P.hd. Scholar, University of Delhi
rsaxena@db.du.ac.in
+91 – 9910172544

## EDUCATION

**ALAGAPPA UNIVERSITY**
M.Phil.
2008

**DEPARTMENT OF COMP SC, UNIVERSITY OF DELHI**
Masters in Computer Applications
1992

**HANSRAJ COLLEGE, UNIVERSITY OF DELH**
B.Sc. (Computer Science)
1989

## SKILLS

**PROGRAMMING**
Fluent:
• Python • Java • C • C++ • R
Familiar:
• Ruby • Scala • Shell
Frameworks:
• Python igraph, NetworkX
• Hadoop, Giraph, MongoDB
• Java Jung
• Eclipse • Android Studio

## EXPERIENCE

**INDUSTRY**
**TCS** | Program Developer
**C-DOT** | Program Developer
**NIIT** | Freelance Technical Writer

**TEACHING**
**DESHBANDHU COLLEGE** |
Assistant Professor
November 2008 – Present

## COURSES

**COURSERA**
- Social and Economic Networks: Models and Analysis, Stanford University
  January to March, 2014 | Grade Achieved: 87.0%
- Model Thinking, University of Michigan
  March to May, 2014 | Grade Achieved: 98.2%
- Computing for Data Analysis using R, John Hopkins University
  January to Februaury, 2014 | Grade Achieved: 79.0%
- Heterogeneous Parallel Programming, University of Illinois
  January to February, 2013 | Grade Achieved: 100.0%
- Web Intelligence and Big Data, IIT Delhi
  September to November, 2012 | Grade Achieved: 88.9%
- Machine Learning, Stanford University
  October to December, 2012 | Grade Achieved: 100.0%
- Software Engineering for Software as a Service,UC Berkeley
  February to March, 2012 | Grade Achieved: 98.0%
- Algorithms: Design and Analysis, Part I and II, Stanford University
  March through April, 2012 | Grade Achieved: 96.0%
- Learn to Program: The Fundamentals (Python), University of Toronto
  October to December, 2012 | Grade Achieved: 100.0%

**WORKSHOPS**
- Graph Mining and Analysis
  MHRD-GIAN, Jamia Millia Islamia
  by Prof. Mohammed J. Zaki , RPI, NY, USA
  December 17–23,2015 | Grade Achieved: 98%
- Winter School on Big Data and Analytics,
  IBM Research – India  Oct 17-18, 2013
- PhD Workshop,
  I-CARE 2013, IBM Research – India
  Oct 19, 2013
- MongoDB for Developers, 10gen, The MongoDB Company
  November to December, 2012

**COMPLETED COURSE WORK**
- Graph Theory
- Special Topics in Data Mining

## PUBLICATIONS

- Rakhi Saxena, Distributed Programming Models for Big Data Analytics, in Encyclopaedia of Business Analytics and Optimization, 2014
- Sharanjit Kaur, Rakhi Saxena, Dhriti Khanna, Vasudha Bhatnagar, Comparing Data Processing Frameowrks for Scalable Clustering, in FLAIRS 2014, 21-23 May, 2014, Florida

Under Consideration
- DASC: Data Aware Algorithm for Scalable Clustering
- Network Comparison using K-Core Decomposition