

ROHIT KUMAR

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Personal website: <http://rohit13k.github.io/>

RESEARCH INTEREST

Big Data platforms, Data Stream Mining, Graph Stream Mining and Distributed Processing, Data Security and Privacy.

SUMMARY

I am an ambitious, enthusiastic and talented individual with a keen eye for detail and a flair for new startups and projects. I have got an opportunity to work on a new initiative and take it from an internal project to a million dollar business. My objective is to work in a challenging work environment and to learn something new every day. I worked in IT industry for 6.5 years before moving to Europe to pursue my passion for research and knowledge. Currently, I am pursuing my Ph.D. in "Graph Data stream mining and distributed processing" from ULB(Brussels) and UPC(Barcelona). I have 6 publication in top conferences and 1 granted and 2 applied patents.

EDUCATION

Université Libre de Bruxelles (ULB), Belgium & Universitat Politècnica de Catalunya (UPC), Spain August 2014 - Now

- Joint PhD in Computer Science
- Research Topic: Graph Stream mining and distributed processing

Chennai Mathematical Institute, India April 2008 - March 2011

- M.Sc in Computer Science
- Thesis Topic: Security aspects of online Assessment platform-Touchstone

Hindu College Delhi University, India July 2004 - July 2007

- B.Sc(Hons) in Physics

WORK EXPERIENCE

ULB August 2014 - now
PhD Candidate *Brussel, Belgium*

- 1 A* rank, 2 A rank and 1 B rank full conference papers published.
- 1 year research visit to UPC, Barcelona.
- Lab and teaching assistant for 1 year in Data warehouse course.

Royal bank of Scotland June 2014 - July 2014
Software Designer *New Delhi, India*

- Worked as a software developer, developing new systems on Oracle Coherence.

Tata Consultancy Services April 2013 - May 2014
Assistant Consultant *Mumbai, India*

- Technical team lead for the development of an Online Assessment software.
- Client interaction and designing new offerings for education domain.
- Managed a team of 30 software developers.

Tata Consultancy Services

April 2011 - March 2013

*IT Analyst**Mumbai, India*

- Managed the technical aspects of expanding my master's thesis from in house incubation to a million dollar business for TCS.
- Developed and deployed the complete Eco-system of the online assessment platform in multi-tenant architecture for software as a service model.
- Managed a team of 10 software developers.

Tata Consultancy Services

Nov 2007 - March 2011

*Assistant System Engineer**Chennai, India*

- Lead architect to develop and deploy the online assessment platform for TCS hiring throughout India.
- Performance and Security Lead for the online assessment platform.
- Taught Algorithms and Java to new employees as a part of learning and development program.

TECHNICAL SKILLS

Programming	J2EE, Java, Scala, C++, R-basics
Databases	MySQL, Microsoft SQL, MongoDB, Oracle Coherence
Frameworks	Hadoop, Apache Spark, Apache Storm, Kafka, Struts 2, JDBC
Tools	SVN, CVS, github, Eclipse, RStudio, Octave, Matlab, gnuplot

AWARDS AND ACHIEVEMENTS

- FNRS-Belgian National Funds for Scientific research, Scholarship for Doctoral Research Study.
- Best Technical Lead Award in ACTion2013 in SMB iON, TCS.
- Special initiative Award by TCS in May 2013.
- Technical Excellence Award by TCS in March 2012.
- Innovation of the year award southern region in TATA Innovista 2011.
- Senior Diploma in Arts and Painting from Ankan Kala Bibhag, Ravindra Bharti University in 2006.

RESEARCH EXPERIENCE

ULB and UPC

Aug 2014 - now

*PhD candidate**Brussels, Belgium and Barcelona, Spain*

- Working on Graph stream mining algorithms for different use cases influence propagation or fraud detection.
- Working on Apache GraphX and other Distributed Graph processing systems.

TCS - Tata Research Development and Design Center

April 2011 - September 2011

*Researcher**Pune, India*

- Worked on data privacy and data security.

JNCSAR, IISC, Bangalore

2004 - 2007

*Summer Research Intern**Bangalore, India*

- Did two summer and one winter training in Nanoscience and research in general.