

# ROHIT KUMAR

(+34) · 6021 · 97987 ◇ rohit4phy@gmail.com  
<http://rohit13k.github.io/>

## RESEARCH AREA

---

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

## EDUCATION

---

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

- Joint PhD in Computer Science
- Advisor: Toon Calders & Alberto Abello
- Research Topic: Adaptive and Converging Graph Data Stream Mining

**Chennai Mathematical Institute, India**

April 2008 - April 2011

- M.Sc in Computer Science
- Advisor: Madhavan Mukund
- Thesis Topic: Security aspects of online Assessment platform-Touchstone
- CGPA : 8.4

**Hindu College Delhi University, India**

July 2004 - July 2007

- B.Sc(Hons) in Physics
- Percentage : 76

## RESEARCH EXPERIENCE

---

**TCS - Tata Research Development and Design Center**  
*Researcher*

April 2011 - September 2011  
*Pune, India*

- Worked on data privacy and data security.

**JNCSAR, IISC, Bangalore**  
*Summer Intern*

2004 - 2007  
*Bangalore, India*

- Did two summer training in Nanoscience and research in general.
- Developed and experimented with new techniques to generate Zinc oxide Nanotubes.

## PROFESSIONAL EXPERIENCE

---

**Royal bank of Scotland**  
*Software Designer*

June 2014 - July 2014  
*New Delhi, India*

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

**Tata Consultancy Services**  
*Assistant Consultant*

Nov 2007 - May 2014  
*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.

- Developed and deployed the complete security Eco-system for the online assessment platform.
- Designed new offerings and solutions for Education Sector.
- Taught **Algorithms** and **Java** to new employees as a part of learning and development program.

## PUBLICATIONS

---

- Location Influence in Location-based Social Networks. (Accepted), WSDM 2017
- Information Propagation in Interaction Networks. (Accepted), EDBT 2017
- Maintaining Sliding-Window Neighborhood Profiles in Interaction Networks. (Published) ECML/PKDD 2015

## PATENTS

---

- System and method for automated competency assessment (US8915744) - Granted
- Secured Computer Based Assessment (US20140186812A1) - Applied
- Customized question paper generation (US20130084554) - Applied

## TECHNICAL SKILLS

---

<b>Programming</b>	J2EE, Java, Scala, C++, JDBC, HTML, JavaScript
<b>Databases</b>	MySQL, Microsoft SQL, MongoDB, Oracle Coherence
<b>Frameworks</b>	Hadoop, Apache Spark, Apache Storm, Kafka, Struts 2, Hibernate
<b>Tools</b>	SVN, CVS, github, Eclipse, RStudio, Octave, Matlab, gnuplot

## OTHER ACHIEVEMENTS

---

- FNRS Scholarship for Doctoral Research.
- Best Technical Lead Award in ACTion2013 in SMB iON, TCS.
- 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.