

# Rémi Leblond

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Born on July 9, 1988

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## Education

- 2015–today **PhD Candidate**, *INRIA, École Normale Supérieure*.  
Distributed and streaming versions of fast incremental gradient methods for big structured data.  
Supervised by Simon Lacoste-Julien and Francis Bach (SIERRA team).
- 2010–2013 **Master of Public Administration**, *Corps des Mines*.  
Training for members of Corps des Mines (composed of the 15 top post-Master students from École Polytechnique), in the fields of public policy, industrial and economic development.
- 2007-2010 **Master of Science**, *École Polytechnique*.  
General training in Mathematics, Applied Mathematics, Computer Science and Economy.  
Specialization: Eco-sciences (Applied Mathematics, Computer Science, Ecology).

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## Work Experience

- 2013–2015 **Data Engineer**, *Ministry of Defense*.  
Big Data analytics team. Design and deployment of distributed architectures and algorithms. Focus on machine learning and real-time distributed analytics.  
*Spark, Storm, Samza, Kafka, Hadoop*.
- 2011–2012 **Data Scientist Intern**, *SpotRight (prev. SpotInfluence)*, Colorado, USA.  
(10 months) Software development team. Design and implementation of distributed workloads to develop a contextual search engine based on online content creators.  
*Big Data, MapReduce, Hadoop, Cassandra, Nutch, Lucene, Scala, Git, Graph theory*.
- 2011 **Intern**, *Canal+ Group*, (France's top Pay-TV operator).  
(6 months) Strategy department. Work on the strategic plan for the company's activities in Africa.  
*Benchmarks, market assessments, modelization, business planning*.
- 2010 **Intern**, *StudioCanal*.  
(6 months) International Sales. In charge of sales events' organization.  
*Market assessments, video rights negotiations, sales contract drafting*.
- 2010 **Research Intern**, *Università di Roma Tre*, Rome, Italy.  
(4 months) Applied mathematics department. Study of the cutoff phenomenon for the simple exclusion process on the complete graph under the supervision of Pietro Caputo.
- 2008–2010 **Mathematics oral examiner**, *Lycée Henri IV*, Paris.  
MPSI students (Maths, Physics, Engineering), French Classes préparatoires aux Grandes Écoles.

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## Publications

- 2011 **Hubert Lacoïn and Rémi Leblond**, *Cutoff phenomenon for the simple exclusion process on the complete graph*, ALEA, Lat. Am. J. Probab. Math. Stat. 8, 285–301.

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## Skills

- Languages **French**: native  
**English**: bilingual
- Programming **Programming languages**: Scala, Java, Python, Javascript, OCaml, SML, Php, Html  
**Big Data frameworks**: Spark, Hadoop, Storm, Samza, Kafka, Cassandra, Nutch, Lucene  
**Version control tools**: Git, SVN  
**Operating systems**: OS X, Ubuntu, Debian, Windows

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## Interests

- Debating French champion in 2010 (on Polytechnique's team) and 2011 (Télécom ParisTech)
- Leisure Reading, Cinema, TV series
- Sports Ashtanga yoga, Tennis, Table tennis, Badminton