Thomas Ricatte | PhD | Engineer

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Born on 22nd October 1986 in Metz (France)

Projects and work experience

Criteo   **Paris**
R&D Engineer   *2015 - current*
Business Models, Publisher Bidding Strategies

Natixis CIB   **Paris**
Internship   *2010*
SVM-based methods for statistical arbitrage

Thalès   **Paris**
Short project   *2009*
Clustering methods in matrix spaces and application to radars

VIA Centrale Réseau   **Châtenay-Malabry**
Linux SysAdmin   *2008*
Student association managing the campus network of Ecole Centrale Paris (c. 1000 end users)

Education

INRIA (Team Magnet) / SAP   **Lille / Paris**
PhD in Machine Learning (CIFRE)   *2011 - Jan. 2015*
Hypernode graphs for learning from binary relations between sets of objects
Research activity within the Business Intelligence innovation unit

Ecole Centrale Paris   **Châtenay-Malabry**
Diplôme d'Ingénieur   *2007 - 2010*
Specialization in Applied Mathematics

Ecole Normale Supérieure   **Cachan**
MSc in Applied Mathematics   *2009 - 2010*
Master MVA ("Mathematics, Machine Learning and Computer vision")

Columbia University   **NYC**
Visiting Exchange Student   *Spring 2009*
Computer Science (Machine learning, compiler theory, computational complexity)

Technologies and framework

What I mainly use currently:
Spark (Scala / Python), MapReduce (Scala / HiveSQL), dotNET (C#)
Apache Zeppelin, Git, Agile / Scrum
What I am familiar with:
LaTeX, Javascript/Typescript, Linux administration (docker, dhcp, dns bind, nginx/apache, . . .)

Language skills

French: Native

English: Full professional proficiency

German: Limited work proficiency

Japanese: Elementary proficiency (JLPT N5 in 2009)

Publications

Thomas Ricatte. *Hypernode graphs for learning from binary relations between sets of objects.* PhD thesis, Université de Lille, France, January 2015.

Thomas Ricatte, Gemma Garriga, Rémi Gilleron, and Marc Tommasi. Learning from multiple graphs using a sigmoid kernel. In *12th International Conference on Machine Learning and Applications (ICMLA)*. IEEE, 2013.

Thomas Ricatte, Rémi Gilleron, and Marc Tommasi. Hypernode Graphs for Spectral Learning on Binary Relations over Sets. In *ECML/PKDD - 7th European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases*, Machine Learning and Knowledge Discovery in Databases, Nancy, France, September 2014.

Hobbies

Music:

○ Violin (classic / jazz / folk), Guitar, Tin whistle

○ Part of amateur orchestra and participations in semi-professional shows (Locksley Mus' association)

Sport: Tennis, Badminton