

Benjamin Fradet

Data engineer

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EXPERIENCE

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|---------------------|---|--|
| Feb 2015 - present | + | Data engineer, Ministère de la Défense (French ministry of Defense) - Paris, France
Built the new stream processing platform based on Spark and Kafka
Developed our custom ETL with Akka
Worked with a legacy, Storm-based, stream processing platform
Wrote Pig jobs
Technical environment: Scala, Java, Spark , Kafka , Akka , Storm , Pig |
| Sep 2014 - Feb 2015 | + | Technical lead, Teradata - University of Technology of Compiègne - Compiègne, France
Built a data warehouse and the ETL process associated with real world retail data
Applied pattern recognition techniques to the same real world retail data
Technical environment: SQL, R |
| Jun 2014 - Sep 2014 | + | Software engineer, Snowplow Analytics - remote
Built a RESTful API for Iglu , a machine-readable JSON schemas repository
Technical environment: Scala, PostgreSQL, Spray , Akka , Slick , Swagger |
| Feb 2013 - Feb 2014 | + | Software engineer, SAP - Galway, Ireland
Made an internal testing tool compatible with new software running on SAP Hana
Built a data warehouse and the dashboards/monitoring tools associated
Technical environment: C#, Microsoft SQL Server, SAP Hana, WPF, WCF |

PROJECTS

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| Nov 2015 - present | + | Kaggle competitions
Machine learning contests on Kaggle |
| Feb 2015 - present | + | Open source contributions
Diverse contributions on Github to Spark and other open source projects |
| Apr 2014 - present | + | benfradet.github.io
Personal blog containing mostly machine learning related articles |
| Dec 2013 - present | + | RiotSharp
C# wrapper around the Riot Games API |

EDUCATION

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|---------------------|---|---|
| Sep 2009 - Jun 2015 | + | Diplôme d'ingénieur en informatique (Master in Computer Science)
focused on data science and machine learning: SVM, neural networks, KMeans, etc
University of Technology of Compiègne (Compiègne, France) |
| Aug 2011 - Feb 2012 | + | Semester in Sweden studying image processing and biometrics
Högskolan Dalarna (Borlänge, Sweden) |
| Jun 2009 | + | French baccalauréat concentration Mathematics with (high) distinction (high school diploma)
Lycée Blaise Pascal (Châteauroux, France) |

SKILLS

Computer Science

General purpose programming languages	Scala, Java, C#, Python
Scientific computing programming languages	R, Octave/Scilab/Matlab
Development tools	vim, intellij, Git, maven, sbt

ACTIVITIES

Cross-training, swimming, running, handball, snowboarding
Reading technical books (on machine learning and computer science in general) and heroic fantasy