

# Rami EL MNEBHI

DATA ANALYST & ENGINEER · SOCIETE GENERALE CORPORATE AND INVESTMENT BANKING

XXXXXXXXXXXXXXXXXXXX, Paris XXXXX, France

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## Skills

- Programming** Java, C/C++, Python, JavaScript + Angular, Typescript, LaTeX
- BigData & ML** Spark, Hive, Oozie, Flume, Kafka, Panda + Scikit-learn, Pyspark + Mllib (HDP 2.6.2)
- Philosophies** Agile, TDD, BDD, DDD, Micro-services, Lambda Architectures  
DevOps, Continuous delivery, Containers, SOLID, Software Craftsmanship
- Languages** French, English

## Experience

### Societe Generale Corporate and Investment Banking

Paris, France

DATA ANALYST & ENGINEER

- High latency messaging from Equity transactions database to Corporate Hadoop Cluster
- Real time processing, with cleaning, enrichment (External REST services) and Business Logic with BPM workflows
- Multi Client feeding through batch files and message queues in XML + JSON

DATA PIPELINE PROJECT

*Roles:* Dev

*Env:* Java · SybaseDB · Spring · EMS · Activiti · Cucumber · Scrum

Nov. 2014 - Nov. 2015

- Equity feature processing, enrichment, indexing and storing using clustered lambda pipelines
- Micro-service Back-Ends powered by Spring Cloud [Oauth2 · Kerberos · Consul · Ribbon · Zuul]
- Front-End for injecting data and pipeline customization (Drools with Spark)
- Production proof ML pipeline with Logistic Regression and Random Forest for Trading Business
- BI and DataViz using [PowerBI · PostgreSQL · Tableau · Hive · HighCharts]
- Modular and Generic conception to fit multiple datasources & models
- Monitoring and Scheduling using [Oozie · ElasticSearch · Kibana · Graphana · Zipkin]
- Production packaging using [Git · Jenkins · Puppet · Shell · Groovy] on Corporate Cloud
- Integration and EndToEnd test packaging using [DockerFiles]

DATA MINING PROJECT

*Roles:* Tech Lead, Data Engineer

*Env:* Java · Groovy · Hadoop HDP 2.6 · Flume · Kafka · Hive · Hbase · Solr · Typescript · Angular 1.5 · Panda+Scikit+PySpark · Scrum

Since Nov. 2015

### Natixis

Paris, France

SOFTWARE ENGINEER

- Features for Fixed Income Team to monitor/pilot batch processes to generate Risk, P&L, Hedging reports for the Front Office.

*Roles:* Dev

*Env:* C/C++ · shell · Java · SybaseDB · Scrum/Kanban

Oct. 2013 - Oct. 2014

- Design of full replica for production Data architecture, with DB replication, batches and a monitoring tool to evaluate the delta with production.

INTERNSHIP

Avr. 2013 - Sep. 2013

## Education

### INSA Lyon (Institut National des Sciences Appliquées)

Lyon, France

M.ENG. IN COMPUTER SCIENCE AND ENGINEERING

2008 - 2013

- French Government Merit Scholarship

### Lycée Paul Valéry

Meknès, Morocco

B.S IN SCIENCE AND MATHEMATICS

2008

- First class honours