

# Adrien Lavoillotte

06.23.12.75.46 — [lavoillo@gmail.com](mailto:lavoillo@gmail.com)  
[instanceof.me](http://instanceof.me) — [@instanceofme](https://twitter.com/instanceofme)

French  
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## Computer Science Engineer

Fullstack Web development & Data Engineering

## Experience

### 2015 (ongoing) R&D Engineer, **DATAIKU**

Development of *Data Science Studio*, a data science software platform  
From the Machine Learning & Big Data systems to the frontend JS & CSS  
**Scala**, Java, Python, JS, LESS, SQL, Hadoop, Spark, ML

### 2013–2014 Technical Manager, **SELECTIONNIST**

Full stack Web developer ; aggregation of third-party data.  
Product owner & technical advisor with subcontractors for externalized development.  
**Scala**, JavaScript, SASS, PHP, MySQL, **Elasticsearch**

### 2009–2013 Lead Developer, **IMAGINATIO**, project **SPLAYCE**

Full-stack Web developer; multiples technologies in start-up environment.  
Responsible for the technical architecture (8-person team).  
Technical advisor / helped founding sister company **STOOTIE**.  
**Java EE** (Spring-MVC), **Scala**, JavaScript, **Ruby on Rails**, TDD, Lucene

### 2007–2009 Information Systems Assistant, **ECE**

Design, development, integration, support, training.  
**Agresso (ERP)**, MsSQL/MySQL, PHP, JavaScript, .NET

### Summer 2007 Trainee developer, **DASSAULT SYSTÈMES**

Development of a Web platform for product download.  
Java EE, MySQL, Web Services

### 2006–2007 Web Developer, **PRO-AT.COM**

Web site maintenance & development.  
PHP, MySQL, JavaScript, XML

### Summer 2006 Information System Security internship, **Erhneis**

Customer relations, firewalls implementation & administration.  
VPN, network monitoring, GNU/Linux, WebMail

## Education

### 2004–2009

Computer Science Engineering, **ÉCOLE CENTRALE D'ÉLECTRONIQUE (ECE, Paris)**; Valedictorian  
Junior Instructor (Security, Open Source); **JUNIOR CONSULTING**

### August / september 2008

Global management & manufacturing engineering, **UNIVERSITY OF CALIFORNIA, IRVINE (USA)**

### 2007–2008

Software Engineering, Network & Security, and Linux Development, **CONSERVATOIRE NATIONAL DES ARTS ET MÉTIERS (Paris)**

## Fall 2006

Project Management & Computer Engineering, [STAFFORDSHIRE UNIVERSITY](#) (United Kingdom)

## June 2004

Baccalaureate, science section, mathematics specialization; with honors (Asnières)

# Skills

## Frontend Web Development

**JavaScript**, Angular, Vue, D3

CSS, SASS / LESS, BEM / OOCSS / ITCSS, Responsive Design, Accessibility

HTML, XML, SVG ; JSON & RESTful APIs

## Backend Development

**Scala, Java** / J2EE, SQL, Python, Ruby, C

UML, Regex & parsers, Shell / Bash, x86 Assembler

Development of an open-source regex composition DSL in Scala: [REL](#)

Ansible, Jenkins CI, Git / Bazaar / SVN

## Cloud & Big Data

Hadoop (CDH, HDP), Spark, Hive, Impala, Elasticsearch, MongoDB

Machine Learning, Scikit-Learn, MLLib, H2O / Sparkling Water

Docker, Ansible, Amazon Web Services / S3 / EC2

## Interests / Tech watch

UX & UI, IS Security, Performance, Web Technologies

## Languages

French – native

English – fluent; **Technical English**

Spanish – basic

## Project management

Agile methodologies, Scrum

Documentation, technical communication

Management of a development team, technical advisor

# Hobbies

## Interests

*High-tech*, reading, photography, asian cultures, drama

## Sports

Martial arts, dancing, volley ball, kart racing, fencing