Boudjeltia**Reda**

Computer Science, Mathematical modeling

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Web & Git
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Programming

- **Java** ★★★★★
- **J2EE** ★★★★★
- **C/C++** ★★★★★
- **HTML/CSS** ★★★★☆
- **SQL** ★★★★☆
- **Python** ★★★★☆
- **Ruby** ★★★☆☆
- **Scilab** ★★★☆☆
- **R** ★★★☆☆
- **OpenCL** ★★★☆☆
- **PHP** ★★★☆☆
- **Javascript** ★★☆☆☆
- **AngularJS** ★☆☆☆☆

Software

- **GCC/gdb** ★★★★★
- **Eclipse** ★★★★★
- **Netbeans** ★★★★★
- **MS Office** ★★★★★
- **Emacs** ★★★★★
- **Isight** ★★★★★
- **Maple** ★★★★☆
- **InDesign** ★★★★☆
- **VisualStudio** ★★★☆☆
- **Matlab** ★★☆☆☆

Personal Skills

- **Team** ★★★★★
- **UML** ★★★★☆
- **Agile** ★★★★☆
- **SCRUM** ★★★★☆
- **Driving license**

Languages

- **English** ★★★★☆
- **Japanese** ★★☆☆☆
- **Spanish** ★☆☆☆☆

Experience

06/15 - 10/15 **Internship - Developer** — Airbus Defense and Space, Les Mureaux, France
Design and development of algorithms, solutions to an `SIMULIA Isight` component with web services to get data from a multidisciplinary database.(Java)
Design and development of Web Application to use `Isight` from a webrowser. (Java/ J2EE/JSF)

10/14 - 03/15 **Android Application Development** — ENSEIRB-MATMECA, Bordeaux, France
Design and development of Android Applications for basketball statistician. (Java)

03/15 - 05/15 **Developer** — ENSEIRB-MATMECA, Bordeaux, France
Development of thread library. (C)
Design and development of online aquarium with web client. (Java & C)
Multi-processing development to simulate atom behavior. (C, OpenMP, OpenCL)

10/14 - 12/14 **Developer** — ENSEIRB-MATMECA, Bordeaux, France
Design and development of e-commerce website. Development of web templates and interfaces. Management of SQL databases.(HTML/CSS, PHP, SQL)
Development of C compiler. (C, ASSEMBLOR, MIPS, Bison, flex)
Development of web application of To Do list. Management of SQL databases. (J2EE, Java, XML, XSL, AJAX)

7/14 - 8/14 **Internship - Developer** — Envie 2E, Le Havre, France
Design and development of schedule application for trucks. (C and GTK)

01/13 - 05/14 **Numerical Recipes developer** — ENSEIRB-MATMECA, Bordeaux, France
Implementation of numerical methods such as SVD decomposition to compress pictures or Newton-Raphson and Runge-Kutta methods to study mathematics models of population (Lotka Volterra). (Python)

10/13 - 05/14 **Game developer** — ENSEIRB-MATMECA, Bordeaux, France
Development of Sudoku resolver (C), Flow resolver (LISP) and vector racer resolver (C).

Education

2015 - 2016 **Master's Degree in Operation Research** — University of Bordeaux I, France
Main subjects: Linear and Integer programming, Scheduling, Stochastic optimization, Mathematics financial, Data Analysis.

2013 - now **Student in Computer Engineering** — ENSEIRB-MATMECA(Bordeaux INP), France
Main subjects: Algorithm, Theory of Graph, Cryptology, Operating System and System programming.

2010 - 2013 **CPGE** — Lycée Marcel Sembat, Sotteville-les-Rouen, France
Scientific Secondary School.
Main subjects: Mathematics, Physics, Mechanic, Electricity.