# Kévin Gallardo

21 years 06 20 95 38 76 gallardo.kevin0@gmail.com 42 Avenue des Genottes, 95800 Cergy


*Master's degree in Computer Science and Distributed Systems and Applications.*

## Career Objective

To employ my knowledge and ideas in the industry, and work within an efficient and friendly team. I would bring my enthusiasm to an operating team and use all my motivation to make it get the best results.

## Education

**2013 - NOW**

**PIERRE AND MARIE CURIE UNIVERSITY(SORBONNE UNIVERSITÉS)**

**Master's degree in Computer Science** and Distributed Systems and Applications.

Learning of technical and theoretical skills concerning distributed systems in companies and data centers. Other curses on real-time executing systems and big data algorithms to improve data processing. This formation brings a complete knowledge of wide-scale distributed applications, from the bottom level (hardware, processors) to the top level (applications) and through the great understanding of middleware and OS kernels.

**Keywords :** Distributed Algorithms, Service Oriented Computing, OS Kernels, Big Data, Multi-Core Architectures, Real-time embedded systems.

**2010 - 2013**

**TOULON-VAR UNIVERSITY**

**Bachelor's degree in Computer Science** (Honors 2.1), 2nd of the promotion. Learning of the principles of algorithms, various programming languages, human-computer interfaces, mechanics of operating systems and web programming. Also a strong knowledge in various other domains like Mathematics and Signal and Image Processing.

**Keywords :** Programming languages (C/C++, Java, Python, SQL, Flex Bison/YACC, Matlab/Scilab), Human-Computer interfaces, Web programming.

## Work Experience

**MARCH 2015 - PRESENT**

**DATASTAX**

**Dev Intern** : Contributor to the DataStax's Java Driver for Apache Cassandra project. Main developer of DataStax's Cassandra Detection Tool project.

**JUNE 2014 - AUGUST 2014**

**LABORATOIRE D'INFORMATIQUE DE PARIS 6 (LIP6)**

**Research internship :** BIGOS/VM : Development of measurement and monitoring techniques on large-scale multiprocessors systems. Application of these techniques within a project to build a more efficient virtual machines supervisor (Xen). The product allowed to use a virtual machines monitor that could be fully aware of the architecture's topology it was working on, and so completely optimize the execution of systems where a large number of virtual machines are running at the same time, which is one of the most common use of Virtualization nowadays in the industry.

**Keywords :** Xen, Virtualization, Research, Monitoring, NUMA Architectures, Linux Kernel.

## Skills

**Systems :** MacOS (advanced), Unix (advanced), Windows (medium).

**Distributed algorithms :** Failure Detectors, Shared Memory, Consensus (Paxos), CheckPointing, Diffusion Protocols (reliable, best-effort, causal/atomic broadcast), Scalability.

**Distributed programming :** Java, JEE, Hibernate, Spring, JSF/STRUTS, Hadoop, Spark on Scala, Apache Hive, RMI, CORBA, RPC.

**Languages :** English fluent, French native.

**Office Automation :** iWork, Microsoft Office, LibreOffice, LaTeX.

## Activities

**Work :** Multiple student and summer jobs.

**Associative :** Involved in the Pierre et Marie Curie Students Association in IT as Treasurer. Manager of the Association's funds and purchases. Responsible for the organization of student events (game tournaments) and private lessons for students with difficulties.

**College :** Representative of the Students of the Distributed Systems and Applications Master's degree during the first and the second year. Representative of the Students of the last year bachelor's degree.

**Sports :** Dance Teacher (Hip-Hop) for 3 years, after 10 years of practice.

**Military** education during 1 year in parallel of the studies.