Daniel Romero Acero
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Research Engineer

Keywords: software engineering**,** model driven engineering, software product lines, middleware, *Cloud Computing*

Skills

- *Programming Language*: Java/J2EE, C, C ++, PHP, JavaScript, Python
- *IDE*: Eclipse, NetBeans, CodeBlocks, PyCharm, QtCreator
- *Database*: Oracle, MySQL, MongoDB, InfluxDB
- *Servers*: Tomcat, Jetty, JBOSS, Glassfish
- *Software development methodologies* : PSP, TSP
- *OS* : Mac OS X, Windows, Linux, Android
- *Version Management* : SVN, GIT
- *Software Engineering* : software patrons, good practices, middleware, SOA, REST, CBSE, UML
- *Various*: MVN, Eclipse EMF, IDM, LPL, XML, HTML, CSS**,** BPEL

- *Project Management*
- *Team Work*
- *Adaptability*
- *Autonomous*
- *Scientific and technological curiosity*
- *Ability to work in a multicultural and international environment*

Experience

Research Engineer / Centre Inria de l'Université de Lille / Villeneuve d'Ascq, France   01/2022 – Present
- Spirals Team: Development of PowerAPI, participation PULSE and ADAPT projects.
- Experimentation and Development Service (SED): Development of challenges for Code Contests in the laboratory.
- AGOS: Participation to organization of local activities of the association.

Research Engineer / CNRS, UMR8181 UCCS / Villeneuve d'Ascq, France   12/2017 – 12/2021
- IT Manager.
- Software development for the laboratory.

Engineer R&D / OWI/ Anthony, France   03/2016 – 11/2017
- Development of tools for the analysis of natural language. Supervision of production environments.

External Consultant / Inria/ Villeneuve d'Ascq, France   05/2016 – 12/2016
- Software design and development for a multicloud platform in the context of the FP7 PaaSage Project.

Research Engineer / Centre Inria de l'Université de Lille / Villeneuve d'Ascq, France   01/2012 – 02/2016
- Technical manager for the national ANR project YourCast, usage of the Model Driven Engineering (MDE) for the design and development of tools for the generation of Digital Signage Systems.
- Technical manager of FP7 PaaSage European Project, design and development of tools for a multicloud platform.

Temporary Associated Professor (ATER_ / University of Lille/ Villeneuve d'Ascq, France   01/2011–12/2011
- Tutorials of "*Infrastructures and Internet Frameworks*" (Master 2), "*Design of distributed systems*" (Master 1), "*Advanced Object Oriented Design*" (Master 1), "*Web Technologies"* (Bachelor), "*Information Representation* " (Bachelor), "*XML*" (Bachelor).
- 192 hours of tutorials.
- Research activities on autonomic systems.

PhD Student / University of Lille/ Villeneuve d'Ascq, France   01/2008 - 12/2010
- Management of a PhD project during 3 years related to design of mobile applications in ubiquitous environments based on the REST Architectural Style.
- Design and development of a prototype.
- Papers and articles redaction.

Teacher Assistant / University of the Andes   *01/2006 - 07/2007*

- Cupi2 Project: tool development for Oriented Programming courses.
- Oriented Programming 1 & 2 courses.

Education

2011	**PhD in Computer Science**
	University of Lille, *Villeneuve d'Ascq, France*
2007	**Master in Computer Science**
	University of the Andes, *Bogota, Colombia*
2006	**Engineer in Computer Science**
	University of the Andes, *Bogota, Colombia*
2000	**Bachelor Degree**
	Virrey Solis School, *Bogota, Colombia*