

# João RODRIGUES AMÉRICO

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[ Address and telephone under request ]

- OBJECTIVE** A position of Senior Software Engineer or Architect.
- EXPERIENCE**
- Senior Software Development Engineer* Nov 2013 - present  
Murex S.A.S., Business Process Management (BPM) Dev Team, Paris, France  
Java development in MxMLExchange, MX.3's **workflow**, BPM and exchange engine.
- R&D Engineer* Nov 2010 - Oct 2013  
Bull S.A.S., R&D Innovation Department, Echirolles, France  
Developed **models** and extensions for **real-time** support in **SOA** technologies.
- Researcher (Intern)* Feb 2010 - Aug 2010  
ADELE Team, Grenoble Informatics Laboratory (LIG), Grenoble, France  
Developed support for real-time applications on the **OSGi** platform.
- Software Engineer (Intern)* Mar 2009 - Aug 2009  
Bull S.A.S., Java Enterprise Middleware Team, Echirolles, France  
Developed a real-time **Java** application server by means of **byte-code** injection.
- Webmaster/Researcher (Intern)* Nov 2003 - Jul 2008  
Federal University of Rio Grande do Sul, Porto Alegre, Brazil  
Developed tools for research on medical **imaging**; Website maintenance.
- EDUCATION**
- Doctorate (PhD)*, Computer Science Nov 2010 - Nov 2013  
University of Grenoble, Grenoble, France  
Thesis: "A service-oriented component meta-model for developing flexible and modular real-time applications", supervised by Prof. Dr. Didier Donsez.
- Engineer (MSc)*, Computer Science (GPA: 14.7/20) Sep 2008 - Jul 2010  
Grenoble Institute of Technology (ENSIMAG), Grenoble, France.  
Concentration: Software Engineering and Information Systems. Obtained *Mention Bien*.
- Bachelor (BSc)*, Computer Science (GPA: 9.55/10) Mar 2005 - Sep 2010  
Federal University of Rio Grande do Sul (UFRGS), Porto Alegre, Brazil  
Academic distinction (*summa cum laude*) and highlight student awards.
- COMPETENCES** *Portuguese*: Native *French*: Fluent (oral/written) *English*: Fluent (oral/written)  
*Programming Languages*: Java (expert), Python, C/C++ (prior experience).  
*Project tools*: Eclipse, Maven, Git/Perforce, JUnit, Cucumber, Jenkins.
- SELECTED PUBLICATIONS**
- **Américo JC**, Rudametkin W, Donsez D. "Managing the Dynamism of Real-Time Java Applications on the OSGi Platform". In *27th ACM Symposium on Applied Computing*, Riva del Garda, Italy, 2012.
  - Calmant T, **Américo JC**, Donsez D, Gattaz O, Gama K. "A Dynamic and Service-Oriented Component Model for Python Long-Lived Applications". In *15th Intl Symposium on Component Based Software Engineering*, Bertinoro, Italy, 2012.
  - **Américo JC**, Donsez D. "Service Component Architecture Extensions for Dynamic Systems". In *10th Intl Conference on Service-Oriented Computing*, Shanghai, China, 2012.
- PATENTS**
- **FR3012896** - A procedure to validate the response time of an application, and a procedure to deploy applications using the validation procedure, May 2015.
  - **FR3029658** - System and method for converting octal Java code into real-time octal Java code, June 2016.
- INTERESTS** Java, software engineering, SOA, volleyball, music, games, gadgets, Android