

Hugo Arregui

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- Nationality: Argentina
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- [Google Code Profile](http://code.google.com/u/hugo.arregui/) (<http://code.google.com/u/hugo.arregui/>)
- [OpenHub Profile](https://www.openhub.net/accounts/hugo_arregui) (https://www.openhub.net/accounts/hugo_arregui)

Professional Experience

07/2010 - [PRESENT]	Freelance Software Engineer/Developer at <i>LambdaDev</i> <i>Keywords:</i> C++, Python, Java, JavaScript, Bash, clojure, clojurescript, scrapy, web.py, Flask, pyramid, django, jQuery, Dojo, Mercurial, Git, SVN, MySQL, PostgreSQL, bash scripting, phonegap / cordova, SOAP, suds, Google Apps Engine, Spring, Hibernate, JPA2, JNI, Maven
01/2015 - 06/2015	Senior Python Developer at <i>Jampp</i> (http://jampp.com/) <i>Keywords:</i> zeromq, sklearn, panda, numpy, machine learning
02/2013 - 02/2015	Scheme Developer at <i>bevuta IT GmbH</i> (http://www.bevuta.com/en/) Android development using java + chicken scheme + jni <i>Keywords:</i> android, scheme, chicken scheme, C, jni
08/2010 - 01/2014	C++ Developer (Ad honorem) at <i>FuDePAN</i> Bioinformatics oriented tools development. <i>Keywords:</i> C++, Template Metaprogramming, googletest, googlemock, g++, make, Scons, Jenkins, SVN, Mercurial
07/2011 - 01/2013	Regional Coordinator for Buenos Aires (Ad honorem) at <i>FuDePAN</i> Projects and volunteers coordination
04/2010 - 01/2011	Ssr. Python Developer at <i>TeraCode</i> (http://teracode.com/) Working in performable's web-site/platform <i>Keywords:</i> python, Tornado, django, SQLAlchemy, jQuery, MySQL, Scrum
04/2008 - 04/2010	Ssr. Java Developer at <i>Livra</i> (http://www.livra.com/) Develop Livra's website. Creating and maintaining marketing tools for surveys, statistics, etc. <i>Keywords:</i> java, Apache Wicket, wicket, Hibernate, JUnit, Velocity, Lucene, PostgreSQL, Web Services, Rest, Jersey, SOAP, Axis, prototype, scriptaculous, Eclipse, Tomcat, Jetty, ant, Maven, SVN
08/2007 - 04/2008	Java Developer at <i>Thales Information Systems</i> Create an IVR using avaya software and Asterix for a prestigious bank. Create and support web-based tools using struts, hibernate and spring. <i>Keywords:</i> IVR, asterix, struts, hibernate, spring

Publications

- 2012** **Curiously Recursive Template Problems with Aspect Oriented Programming**([read it](http://accu.org/index.php/journals/1916))
(<http://accu.org/index.php/journals/1916>)
ACCU Overload magazine 109, June 2012.
Hugo Arregui, Carlos Castro, Daniel Gutson
- 2011** **Biopp2: biological alphabet manipulation library**
2do Congreso Argentino de Biología Computacional
Hugo Arregui, Daniel Gutson
- 2011** **Backbones Generator v2**
2do Congreso Argentino de Biología Computacional
Hugo Arregui, Rodrigo Castaño, Lucía Lauría, Rafael Garabato, Elmer Fernández, Marcos Villarreal

Higher Education

- 2010 - 2014** System Analyst at CAECE University
2005 - 2010 System Engineering at Universidad Tecnológica Nacional (Unfinished)

Other Education

- 2013 - Coursera** Image and video processing: From Mars to Hollywood with a stop at the hospital
2012 - Coursera Algorithms: Design and Analysis Part I
2011 - ECI 2011 (UBA) Programación de Seguridad mediante Bibliotecas - (*Security programming using libraries*)
2011 - ECI 2011 (UBA) Programación distribuida y paralela usando MPI - (*Distributed and parallel programming using MPI*)
2010 - FuDePAN C++ Internals
2010 - FuDePAN C/C++ Good Practices

Computer Skills

- Languages:** C++, Python, Java, Scheme, Bash Scripting/AWK, JavaScript, Groovy
Python tools: django, pylons, tornado, webpy, unittest, pymock, flake8, flask
C++ tools: googletest, googlemock
Java tools: Hibernate, Spring, Struts, Wicket, Junit
Javascript tools: jQuery, Dojo, Prototype
Mobile: Android, phonegap/cordova
Others tools: valgrind, gdb, Vim, Eclipse, Youtrack, Google Code, Redmine, Bitbucket, Gitlab, GitHub, Asana, Bootstrap
Version Control: hg, git, svn
Build Systems: make, scons, ant
Databases: PostgreSQL, MySQL, SQL Server, Oracle
Continuous integration: Jenkins/Hudson
Operating Systems: Unix/Linux, Windows