Hugo Arregui

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- [GitHub Profile (https://github.com/hugoArregui)](https://github.com/hugoArregui)
- [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

03/2016 - [PRESENT] **Engineer** at *Auth0 (https://auth0.com/)*

Keywords: node, express, jwt, elasticsearch, mongo, hapi

07/2010 - [PRESENT] **Freelance Software Engineer/Developer** at *LambdaDev*

Keywords: 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 *Jampp (http://jampp.com/)*

Keywords: zeromq, sklearn, pandas, numpy, marchine learning

02/2013 - 02/2015 **Scheme Developer** at *bevuta IT GmbH (http://www.bevuta.com/en/)*

Android development using java + chicken scheme + jni

Keywords: android, scheme, chicken scheme, C, jni

08/2010 - 01/2014 **C++ Developer (Ad honorem)** at *FuDePAN*

Bioinformatics oriented tools development.

Keywords: C++, Template Metaprogramming, googletest, googlemock, g++, make, Scons, Jenkins, SVN, Mercurial

07/2011 - 01/2013 **Regional Coordinator for Buenos Aires (Ad honorem)** at *FuDePAN*

Projects and volunteers coordination

04/2010 - 01/2011 **Ssr. Python Developer** at *TeraCode (http://teracode.com/)*

Working in performable's web-site/platform

Keywords: python, Tornado, django, SQLAlchemy, jQuery, MySQL, Scrum

04/2008 - 04/2010 **Ssr. Java Developer** at *Livra (http://www.livra.com/)*

Develop Livra's website. Creating and maintaining marketing tools for surveys, statistics, etc.

Keywords: 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 *Thales Information Systems*

Create an IVR using avaya software and Asterix for a prestigious bank. Create and support web-based tools using structs, hibernate and spring.

Keywords: IVR, asterix, structs, hibernate, spring

Publications

2012 **Curiously Recursive Template Problems with Aspect Oriented Programming** (read it) (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 Biologia Computacional

Hugo Arregui, Daniel Gutson

2011 **Backbones Generator v2**

2do Congreso Argentino de Biologia 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 Tecnologica 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

Skills

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