

Hugo Arregui

- Birth date: December 2, 1986
- Nationality: Argentina
- hugo.arregui.laboral at gmail.com
- LinkedIn
- GitHub
- OpenHub

Professional Experience

03/2016 - [PRESENT]: Engineer at Auth0

- Development and maintenance of Auth0's Management API
- Support users search engine using ElasticSearch
- Stack: *nodejs, express, JWT, elasticsearch, mongodb, hapi.js, AWS, git, GitHub, Kibana, Datadog, valgrind*

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

- Developed issue tracking system for an important petrol company. (*python django psql jquery javascript*)
- Provided consulting services for a real state online portal. (*ruby sequel sinatra redis*)
- Developed a multi-platform mobile app to organize and manage social events. (*clojurescript clojure phonegap/cordova*)
- Provided freelance development services for Ticketek. (*python django*)
- Developed a crawler infrastructure for an important deal network. (*python scrapy flask*)

01/2015 - 06/2015: Senior Python Developer at Jampp

- Worked on Jampp's Machine Learning backend.
- Stack: *zeromq, sklearn, pandas, numpy, machine learning, PostgreSQL*

02/2013 - 02/2015: Scheme Developer at bevuta IT GmbH

- Worked on the android version of sayHey (a chat app) using Java + CHICKEN scheme + JNI.
- Stack: *android, scheme, CHICKEN scheme, C, JNI, SQLite*
- Part of this work is open-source, for example the CHICKEN bindings for Java (in which I worked a lot)

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

- Developed and implemented bioinformatic tools.
- Stack: *C++, Template Metaprogramming, googletest, googlemock, g++, make, Scons, Jenkins, SVN, Mercurial, gdb*

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

- Volunteers coordination. Project management.

04/2010 - 01/2011: Ssr. Python Developer at TeraCode

- Worked on Performable's web-site/platform.
- Stack: *python, Tornado, django, SQLAlchemy, jQuery, MySQL, Scrum*

04/2008 - 04/2010: Ssr. Java Developer at Livra

- Worked on Livra's website. Creating and maintaining marketing tools for surveys, statistics, etc.
- Stack: *java, Apache Wicket, wicket, Hibernate, JUnit, Velocity, Lucene, PostgreSQL, Web Services, Rest, Jersey, SOAP, Axis, prototype, scriptaculous, Eclipse, Tomcat, Jetty, ant, Maven, SVN, Prototype*

08/2007 - 04/2008: Java Developer at Thales Information Systems

- Stack: *IVR, asterix, structs, hibernate, spring*

Publications

2012. Curiously Recursive Template Problems with Aspect Oriented Programming

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 Tecnologica Nacional (Unfinished)

Other Education

- 2017 - Elastic. Advanced Elasticsearch: Data Modeling
- 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