

Hugo Arregui

There is much nicer version of this CV [online](#)

- Birth date: December 2, 1986
- Nationality: Argentina
- [Email](#)
- [LinkedIn](#)
- [GitHub](#)
- [OpenHub](#)

Some things I like:

- α. Learning new things.
- β. Working remotely, I been doing so since 2011.
- γ. Functional programming. Specially in scheme.
- δ. I love vim, but currently I'm using Emacs + evil mode ([here is my config](#))
- ε. Arch linux!

Some things I would like to do:

- α. Although I had worked in C and C++ in the past, I would like to improve my knowledge of low level programming and low level optimizations.
- β. Some languages I never tried and I'm curious about: [Rust](#), [Julia](#), [Go](#).
- γ. Some languages I know, but I want to dig deeper in: [Clojure](#), [GNU Guile](#), [Haskell](#).

Professional Experience

Engineer at [Auth0](#)

03/2016 - **PRESENT**

Working on Auth0 Management API, and other backend services.

nodejs, express, JWT, elasticsearch, mongodb, hapi.js, AWS, git, GitHub, Kibana, Datadog, valgrind

Freelance Software Engineer at *LambdaDev*

07/2010 - **PRESENT**

- We implemented an issue tracking system for an important petrol company.

python django psql jQuery javascript

- We provided consulting services to a real state online portal.

ruby sequel sinatra redis

- We built a multi-platform mobile app to organize and manage social events.

clojurescript clojure phonegap/cordova

- We provided freelance development services for [Ticketek](#)'s webpage.

python django

- We implemented a crawler infrastructure for an important deal network.

python scrapy flask

Senior Python Developer at [Jampp](#)

01/2015 - 06/2015

Working on Jampp's Machine Learning backend.

zeromq, sklearn, pandas, numpy, marchine learning, PostgreSQL

Scheme Developer at [bevuta IT GmbH](#)

02/2013 - 02/2015

Working on the android version of sayHey (a chat app) using Java + CHICKEN scheme + JNI.

Part of this work is open-source, for example [the CHICKEN bindings for Java](#) (in which I worked a lot)

android, scheme, CHICKEN scheme, C, JNI, SQLite

C++ Developer (Ad honorem) at *FuDePAN*

08/2010 - 01/2014

Tools for bioinformatics.

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

Regional Coordinator for Buenos Aires (Ad honorem) at *FuDePAN*

07/2011 - 01/2013

Volunteers coordination. Project management.

Ssr. Python Developer at TeraCode Working on Performable's web-site/platform. <i>python, Tornado, django, SQLAlchemy, jQuery, MySQL, Scrum</i>	04/2010 - 01/2011
Ssr. Java Developer at Livra Working on Livra's website. Creating and maintaining marketing tools for surveys, statistics, etc. <i>java, Apache Wicket, wicket, Hibernate, JUnit, Velocity, Lucene, PostgreSQL, Web Services, Rest, Jersey, SOAP, Axis, prototype, scriptaculous, Eclipse, Tomcat, jetty, ant, Maven, SVN, Prototype</i>	04/2008 - 04/2010
Java Developer at <i>Thales Information Systems</i> <i>IVR, asterix, struts, hibernate, spring</i>	08/2007 - 04/2008

Publications

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

Higher Education

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

Other Education

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