

# Martín Paulucci Cornejo

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## Curriculum Vitæ

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### Profile

I'm Martin Paulucci, a pragmatic Computer Engineer that has been working in a wide range of software projects over the years, using different languages and technologies. Recently I've been focusing on REST json APIs, single page applications, and realtime web programming. I participate actively in the Open Source community and have developed a web framework that I'm currently maintaining.

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### Contact Information

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- **GitHub:** github.com/sammla
- **Technical Blog:** medium.com/@sammla\_

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### Education

- 2006 - 2013 **Computer Engineer**, *Buenos Aires University*, Buenos Aires, Argentina.
  - Equivalent to a Bachelor + Master degree (6 years)
- 2000 - 2005 **Science and Math**, *Goethe Schule*, Buenos Aires, Argentina.
  - Deutsches Abitur (german high school degree).
  - Sprachdiplom I & II.

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### Work Experience

- March 2014 - **Full Stack Web Developer (JavaScript)**, *Freelance*.
  - present Building a scalable system for television using Amazon Web Services, AngularJS and nodejs.
- July 2012 - **Full Stack Web Developer (JavaScript)**, *Willdom SA*.
  - September I was in charge of all technical decisions and implementations of a startup called Acekia, a web based test management tool. The prototype was build in Django and later migrated to a single page application & REST json API using AngularJS, nodejs, CoffeScript, MongoDB and Twitter Bootstrap. It supported login with different OAuth/OpenId providers, issue sync with GitHub. Heroku and AWS were used for hosting.
  - 2013 Code available at <https://github.com/lambdaclass/acekia>
- October 2011 **Web Developer (Django)**, *Freelance*.
  - February Development, bug fixing, performance improvements and deployment of a construction management application, using Python, Django, PostgreSQL, JQuery, Mercurial, nginx.
  - 2012

- August 2010 - **Software Developer (Java, PHP)**, *Intelligenx Inc.*
- August 2011
- PaginasAmarillas.com & GuiaMais.com: I maintained the search engine written in Java used as the backend for most yellow pages sites in LATAM. Tasks included bug fixing and implementation of features related to geolocalization.
  - YaSabe.com: I developed a Java web service for a 'local search' site using a proprietary search engine similar to Lucene, that provided an interface for the frontend written in PHP. I also implemented the subscription module of the site with paypal integration and wrote some migration scripts for MongoDB.
- March 2009 - **Web Developer (PHP)**, *Xinergia*.
- September 2009 I developed several web applications using the LAMP stack and maintained the internal web framework written in PHP.

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## Teaching

- May 2010 - **Teaching assistant**, *Buenos Aires University*.
- December 2010 I was a teaching assistant at an "Algorithms and Programming II" course. My responsibilities included correction of exams, group monitoring, and teaching. Topics covered were data structures (lists, trees, graphs) and object oriented programming with C++.

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## Other Works

- June 2013 - **Invisible.js**, [github.com/invisiblejs/invisible](https://github.com/invisiblejs/invisible).
- Present Isomorphic Web Framework written in JavaScript. It lets the programmer define domain models once and use them indistinguishable on the server (nodejs) or client (web browser). Its build on top of Express framework, and has mongoDB and socket.io integration.
- July 2012 **Django Bootstrap Starter**, [github.com/sammla/django-bootstrap-starter](https://github.com/sammla/django-bootstrap-starter).  
Seed for a Django application that uses Twitter Bootstrap and other popular libraries.
- June 2011 **pygo1963**, [code.google.com/p/pygo1963](https://code.google.com/p/pygo1963).  
Atari Go client developed with Python. Engine with Alpha Beta pruning, communication protocol with subprocesses and sockets, GUI build with PyGame.

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## Languages

- Spanish **Native**
- German **Advanced**
- English **Advanced**

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## Technical Skills

- Programming Javacript, Python, CoffeeScript, Java, C/C++, PHP, HTML/CSS, Bash.
- Methodologies Extreme programming, SCRUM, Design Patterns, UML.
- Web AngularJS, Express, Django, grunt, jquery, mocha, mongoose, passportJS, socket.io
- Technologies
- Ops Amazon Web Services, heroku, apache, nginx.
- Databases MongoDB, MySQL, PostgreSQL.
- Tools archlinux, ubuntu, Windows, Git, SVN, Mercurial, L<sup>A</sup>T<sub>E</sub>X, Sublime Text.

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## Interests

- Derby, Meteor
- Machine Learning, Artificial Intelligence
- Lisp, Haskell, Erlang