Martín Paulucci Cornejo

Currículum Vitæ

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.

Contact Information

- **Birth Date:** february 22, 1988
- **Phone:** +54 11 64418456
- **E-mail:** martin.c.paulucci@gmail.com
- **Skype:** martinpaulucci
- **LinkedIn:** ar.linkedin.com/in/martinpaulucci
- **GitHub:** github.com/sammla
- **Technical Blog:** medium.com/@sammla_

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.

Work Experience

July 2012 - September 2013   **Full Stack Web Developer (JavaScript)**, *Willdom SA*.
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.
Code available at https://github.com/lambdaclass/acekia

October 2011 - February 2012   **Web Developer (Django)**, *Freelance*.
Development, bug fixing, performance improvements and deployment of a construction management application, using Python, Django, PostgreSQL, JQuery, Mercurial, nginx.

August 2010 - August 2011	**Software Developer (Java, PHP)**, *Intelligenx Inc.* ○ 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 - September 2009	**Web Developer (PHP)**, *Xinergia.* I developed several web applications using the LAMP stack and maintained the internal web framework written in PHP.

Teaching

May 2010 - December 2010	**Teaching assistant**, *Buenos Aires University.* 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++.

Other Works

June 2013 - Present	**Invisible.js**, `github.com/invisiblejs/invisible`. Isomorfic 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`. Seed for a Django application that uses Twitter Bootstrap and other popular libraries.
June 2011	**pygo1963**, `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.

Languages

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

Technical Skills

Programming	CoffeeScript, Python, Javacript, Java, C/C++, PHP, HTML/CSS, Bash.
Methodologies	Extreme programming, SCRUM, Kanban, Design Patterns, UML.
Web Technologies	AngularJS, Express, Django, Twitter Bootstrap, grunt, jquery, mocha, mongoose, passportJS, socket.io, grunt, bower, less, heroku, apache, nginx.
Databases	MongoDB, MySQL, PostgreSQL.
Tools	archlinux, Ubuntu, Windows, Git, SVN, Mercurial, LATEX, Sublime Text.

Interests

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