CURRICULUM VITAE



PERSONAL INFORMATION

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BRIEF DESCRIPTION ABOUT MYSELF

I'm a passionate Developer, with experience in OOP programming, as well as in a number of different technologies.
I'm always keen on learning, both to be a better developer and a person, and I like challenges.
At the moment I'm working in javascript, but I have also used Ruby, Smalltalk, Groovy, PHP, JavaScript, HTML, Java, Haskell, Prolog and C# for various projects.
Regarding, I have experience in SQLServer, MySQL, PostgreSQL, MongoDB and Redis.

EDUCATION

- ***Information Systems Engineer***
  - **Institution**: Universidad Tecnológica Nacional, Facultad Regional Buenos Aires
- ***High school degree in Accounting***
  - **Institution:** Instituto Nuestra Señora de la Misericordia

TEACHING EXPERIENCE

- ***Universidad Tecnológica Nacional, Facultad Regional Buenos Aires***

Ad-Honorem Teaching Assistant of the subject "Diseño de sistemas" (March, 2014-December, 2014)
This is a subject of the third year of the Information Systems engineering course of studies, which integrates all the knowledge acquired up to that year. In this way, several transversal concepts are taught such as developing methodologies, best programming practices, architecture and testing concepts, data modelling, interfaces design, and many others.
My role consisted in correcting exams as well as in assisting students in their project work.

- ***Universidad Tecnológica Nacional, Facultad Regional Buenos Aires***

Ad-Honorem Teaching Assistant of the subject "Paradigmas de programación" (March, 2009-December, 2010, March 2018 up to date)
"Paradigmas de programación" is a subject of the second year of the Information System engineering course of studies, where logical, object oriented and functional programming

paradigms are taught. In addition, common theory about all programming paradigms is introduced to students, such as polymorphism, higher order, recursivity, encapsulation, etc.
My main tasks consisted in teaching some classes, giving support to students while evaluating some of their project works, and correcting exams.

WORKING EXPERIENCE

- ***Avantrip.*** *June 2017 up to date*

After becoming an Avantrip employee my responsibilities were mostly same. Besides what I describe in the FDV section we migrated the automation tests and framework to javascript with webdriverio (after evaluating other frameworks such as nightwatch), I implemented an api to run the tests, with node and mongo, so that they could be integrated in the CI process and gave a ruby talk. I was also responsible for the infrastructure of the framework so I also learned the basic of AWS ECS.

- ***Bancaclub.*** *December 2016 up to date*

I'm the only developer of a website for crowdsourced loans. I mostly use ruby on rails 3 with bootstrap 3, haml and javascript on the frontend. I maintain a staging and production container in AWS.

- ***FDV solutions.*** *March 2016 - May 2017*

I worked as a QA automation engineer at the client's (Avantrip) office, migrating the automation tests that were already implemented to ruby with capybara and RSpec, while adding new ones and building a framework around them with convenient integrations (jenkins, slack, testrail, pager duty, allure, etc). Besides that I implemented tests for the android app using appium (ruby and java) and espresso and taught the language and tools to the other members of the team.

For FDV I participated as a mentor in a program meant for teaching students in the early years of a system related degree the basics so that the company could hire them, in that program I gave talks about git, SQL and testing environments and I interviewed candidates applying for QA positions.

- ***Redmint.*** *May, 2014 - March 2016*

I worked as a Web Developer, mostly performing backend tasks but also taking some frontend ones if needed. In addition, in some projects I also assumed the role of Project Leader.
As regards technologies, I used mostly Ruby on Rails. At the beginning I worked with version 3 for the first projects and later with version 4.
With reference to frontend, some of the technologies I used are Haml, Sass/Scss and Bootstrap 3.
The Relational Database mostly used is PostgreSQL but some projects used MySQL.

Some of the projects I took part in, described in chronological order, are:

- *Whehaus*: IOT, system for home automatization.
- *Prode:* web application for predicting the results of soccer matches.
- *Shippeala:* application where users can specify items to deliver to a certain location and the system contacts the best organization to do so.
- *Mandapp:* web application for hiring and tracking freights. Something interesting is that users can also specify intermediate points, in addition to the origin and destination ones.
- *Fluvip:* influencer marketing project for social networks, where influencers can sell advertisers the possibility of publishing content on their behalf.

- ***Aufiero Informática.*** *Freelance project. January, 2012 to March, 2012.*

I worked enhancing an electronic invoicing system. My main tasks consisted in resolving bugs, migrating one of the system modules from Grails 1.3 to 2.0 and porting the system from Linux operating system to Microsoft Windows.

- ***Aufiero Informática.*** *January, 2011 to August, 2011.*

I worked in the web site where the company resells the licences of products developed by AVG antivirus.
At the beginning I coded in PHP and used Mercurial for versioning, but later we migrated the site to Groovy on Grails and used Git.
My main tasks in the project were:

- Developing new features, which implied design tasks, running unit tests (with Gmok and Spock tools), running functional and integration tests (using Selenium tool) and documenting.
- Extracting some features so that they could be available for other projects of the company. I achieved this task coding in Groovy as well as in JavaScript, AJAX and JQuery.

- ***CIDESO (Centro de Investigación y Desarrollo de Software del Ejército.*** *March, 2010 to October, 2010.*

I took part in a project for the Army where software for simulating battles was developed. The programming language used was Smalltalk under Dolphin 5 IDE and implementation. For code versioning, we used SVN.
My main tasks were:

- Design, development and testing of new features for existing modules of the software.
- Code refactoring
- Generation of unit tests for some modules of the software, using Smok and Sunit tools.

SPOKEN LANGUAGES

- ***Spanish:*** *mother tongue*
- ***English:*** *intermediate*