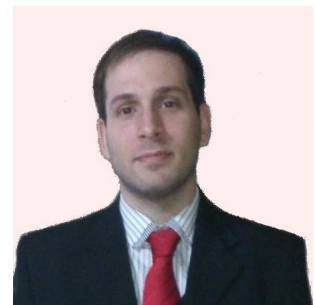


Curriculum Vitae

Leandro E. Nahabedian

1 Personal Information

- Name: Nahabedian, Leandro Ezequiel
- Date of birth: October 7, 1988
- Gender: Male
- Nationality: Argentine
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2 Experience

Mar 2014 - Jun 2014

**National Institute
of Informatics
Japan**

Research assistant in software engineering, controller synthesis with a focus on self-adaptive software. I develop a new feature in the MTSA tool so as to build controllers for systems, that allow the the change of the environment and satisfy new requirements without rebooting the machine. This internship was held in Tokyo Japón and supervised by Ph. D. Nicolas D'Ippolito and Ph. D. Kenji Tei. The tool MTSA was develope in **Java** and you can download it in <http://sourceforge.net/projects/mtsa>

Nov 2012 - present

**Ministry of the
Interior**

I am **Python** developer (back-end) creating many data processing systems which manages the Argentine government. At the moment, I have two projects:
The assignment of times that each media outlet will give to each political party for the 2013 Argentine elections
Also manage and update the database of transactions done with the card SUBE (sistema único de boleto electrónico), a card that allow people to pay for all transports. These are millions of records that must be treated in a particular way so that they can be displayed in a web page. I use **MySQL** and **PostgreSQL** engines for my work in addition to **Linux** server management.

May 2012 - Oct 2012

**Core Security
Technologies**

Company that develops software for analysis of vulnerabilities. My work was based on developing **Python** code to build a system from the start that allowed to add, remove or edit tasks in UNIX crontab file. Another task was to initiate a server in a virtual machine with **OpenBSD** to be used as a web server. To achieve this goal I have to install all the packages needed to build a web service (**Apache2**, **PostgreSQL**).

May 2010 - Dic 2010

Metrogames S.A.

Company that makes video games for social networks. I was one of the developers of a particular game called Fashion World. The design pattern that we used to implement that game was **Model view controller (MVC)** and the language of programming **Action Script 2**. Afterwards, I worked with **Python** to make programs to be used within the company, that even though they are small programs, I had the freedom to implement changes and add useful functionalities for my colleagues. Some of the programs made the deploy of a project in a Linux server, others interact with web pages done in PHP language.

Feb 2010 - May 2010

Intelligenx Inc.

I did an Internship for this company where I had two projects: Getting important data for the company, in north American web sites and polish, using **XPATH** and **regular expressions**. For this project it was necessary to understand customer needs and requirements, talking with them in English. Also I made web programming (front-end) with **PHP**, **HTML**, and database **MySql**.

3 Studies Completed

2007 - present

**Master in Computer Science, Universidad de Buenos Aires
Facultad de Ciencias Exactas y Naturales**

The focus of my master thesis is on the development of novel controller synthesis techniques that generates controllers that manage updates in the specifications. This is an ongoing work I have been doing under the supervision of Ph. D. Nicolas D'Ippolito at Buenos Aires University.

2007 - 2013

**Analista Universitario en Computación (considered equivalent to a Bachelor in Computer Science), Universidad de Buenos Aires
Facultad de Ciencias Exactas y Naturales**

4 Honors & Awards

Ago 2012 - Ago 2014

ICT Scholarship

Ministry of Science, Technology and Productive Innovation of Argentina

I got a scholarship for two years awarded by the Ministry of Science and Technology of the Republic of Argentina to get the degree in master in computer science. The beneficiaries of this plan were chosen based on the number of tests taken, the years undertaken in the study and obtained grade point average.

5 Languages

English

FCE (First Certificate in English) in 2006 with C grade

- *Speaking:* Bilingual
 - *Writing:* Bilingual
 - *Reading:* Bilingual
-

6 Other Knowledge

6.1 Programming

I have a good knowledge in programming. The languages that I usually use is Python, Ruby, C++, Java and assembler, even though my studies provide me facility to learn another language. Also, I use xpath and regular expressions. I have used agile methodology in the academy so as to learn how it works. For example, **Scrum**, **Extreme Programing**, etc.

Also, I have other skills that allow programing easier such as using version control system, for example **SVN**, **Mercurial** and **Git**.

Moreover, I have a strong knowledge in the internal structure of a computer with technology IA-32 (Intel Architecture of 32 bits).

Finally, I usually give importance to my presentations, so I recommend and use *L^AT_EX* to do them. An example could be this Curriculum Vitae that you are reading.

6.2 Configuration of Operating Systems

Some subjects in the university aim to the functionality of the operating systems, studying each component separately, such as, the Memory Management Unit (MMU), I/O unit, scheduler, etc. and also studying the functionality of distributed systems using well-known algorithm. Also, I have experience in programing with threads or multi-process, using IPC (inter-process communication), locking and other techniques to handle problems that arise when using more than one thread of execution.

Other subject of interest for me, is the study of security in computers, even though I have not got experience, I would like to learn more about this concepts. Finally, I would like to add that I am home user of Ubuntu Linux operating system since 2009