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Education

2010 - July 2017
Computer Science Student, *FIUBA, University of Buenos Aires (UBA)*, Argentina.
Fifth-year student of *Ingeniería en Informática* (6-year studies with thesis, equivalent to Computer Science Bachelor + MEng.). Cumulative GPA: 7.07/10 (3.2/4)

July 2016 - August 2016
Big Data Course, *Mulesoft Academy*.
Big Data course using Apache Spark as learning tool.
Delivered by Luis Argerich (professor at UBA).

Projects

Fall 2013
Text-Classification Algorithm (C++, Svn)
• Design and development of a scalable algorithm with the capability of classify new text documents in categories generated by applying clustering technics (non-supervised learning).
• Implemented a two-step algorithm. First step, choosing a group of seeds using a hierarchical agglomerative clustering algorithm. Second step, K-Means algorithm using the seeds chosen in the previous step.
• Team project for the course Data Organization (*"Organizacion de Datos"*). The course covers themes of machine learning, cryptography, data compression and scalability of algorithms.
• Rated as the best project among all presented in the course because of the quality of the clusters generated and the results obtained when classifying a new document.

Fall 2016
Tinder clone App (Android, C++, Node.js, Heroku, postgreSQL, Git)
• Design and development of a Tinder clone, the social app for people matching.
• Management of the project development.
• Development of the Android client.
• Development of the Node.js server backend, and later deployment on Heroku.
• Participate in the development of a C++ intermidiate server.

Skills

Languages
• **Spanish**: Mother tongue
• **English**: Upper Intermediate

Programming
Python (2.x)	4 years
C	2 years
C++, Java, Android, Node.js, SQL	1 year
C#	6 months

Technologies
Linux, Git, Svn, Heroku, Express.js, Octave, Latex, Sails.js.   (high, medium, low)

Software Developer

May 2015 - October 2015
Iquall Networks, Telecommunications company:
Worked in different projects, using many technologies, like:
• Sails.js framework along with SmartAdmin framework for the development of a web platform. Worked both in front-end (HTML, Bootstrap and Javascript) and back-end (Node.js).
• Used mySQL and postgreSQL for data base management.
• Used bash, php and python for script making and utilized the python's Diamond framework for creating services that execute tasks periodically in background.
• Worked on an Android application. Added login and logout with Twitter account, sharing capability and enhanced one of the core functionalities.

Teaching assistant at

2012 - 2016
Algorithms and Programming I, Engineering School, Buenos Aires University:
▷ Prepared and gave lectures   ▷ Corrected practical work   ▷ Assisted students at laboratory
• The course uses Python as teaching language and covers topics such as conditional structures, defined and conditional cycles, function definitions, data structures such as strings, lists, hashes, linked-lists, stacks and queues, different sorting methods, recursion and object oriented programming.