

MIGUEL VILÁ

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EDUCATION

Recurse Center (New York City, United States)

August 2016 - November 2016

Self-directed, educational retreat for people who want to get better at programming

Los Andes University (Bogotá, Colombia)

January 2009 - December 2012

BSc in Systems and Computing Engineering

PROFESSIONAL EXPERIENCE

Seven4n

January 2013 - June 2016

Software Engineer

Bogotá, Colombia

- Developed an application using JEE and GWT for an insurance company.
- Worked remotely for a company in the United States developing a REST API using Scala.
- Was the technical leader of a group of developers doing a data migration in the previously mentioned company.
- Took part in the construction of an insurance product. Was the technical leader of a small team of engineers: Guided technical decisions and helped members new to the tech stack or to the team become productive.

Los Andes University

August 2011 - May 2012

Teaching Assistant for Design and analysis of algorithms.

Bogotá, Colombia

- I was in charge of evaluating student homework and exams.
- Gave some classes in preparation for exams.

CIACUA, Los Andes University

March 2011 - August 2011

Software Engineer

Bogotá, Colombia

- I took part in a software reengineering process of an application used for the design and simulation of distributed water networks. I documented the design in UML and fixed bugs found in a version update.

ACHIEVEMENTS AND AWARDS

- *Quiero estudiar* scholarship for studying Systems and Computing Engineering in Los Andes University (October 2008).
- Classified to the regional latinoamerican programming contest (ICPC), 2011.
- Classified to the regional latinoamerican programming contest (ICPC), 2012.

COMPLEMENTARY EDUCATION

- Advanced Akka (provided by *Typesafe*).

- Fulfillment of the online course *Software Engineering for Software as a Service* taught by professors from Berkeley University at California. April 2012 (*Coursera*).
- Fulfillment of the online course *Machine Learning* taught by a professor from Stanford University. July 2012 (*Coursera*).
- Fulfillment of the online course *Programming Languages* taught by a professor of Washington's University. July 2013 (*Coursera*).

OPEN SOURCE SOFTWARE CONTRIBUTIONS

- **Scalaz - Pull Request #750:** Added a new functionality that allows the embedding of a typeclass in three distinct typeclasses.

TECHNICAL SKILLS

Programming Languages

(in order of skill):

Scala, Java, Javascript.

Basic knowledge of:

Python, Octave/Matlab.

Versioning Systems:

Git, SVN.