

Luis Felipe Borjas

Full web-stack engineer, itinerant educator

Work Experience

Sept 2011– Now

Consultant/Co-founder, *Escolarea LLC*.

- General solutions for fellow entrepreneurs: backbone.js based single-page apps, ruby on rails (RoR) applications/mobile APIs, server and database provisioning and administration (debian-based servers, MySQL databases and MongoDB datastores), use of Amazon Web Services.
- Clients to date: <http://monaeo.com>, <http://www.phillyinfofocus.com>, <http://playpinstar.com>

June 2011–Dec 2011

Co-founder, *Pictour.us, Inc*, New York, NY, US.

- Engineered the RoR backend for the geolocation aware photo-sharing mobile API for the iPhone and android apps; using amazon S3 for storage. Deploying to rackspace cloud, PostgreSQL db.

May 2009–June 2011

Co-founder, *Class.io*, Tegucigalpa, Honduras.

- Built the web application on python (django), with MySQL/PostgreSQL databases, using RabbitMQ for background jobs and integrating with google single sign on and apps APIs, the app participated in Google I/O 2001 and is on the education marketplace

Skills

Programming languages

Ruby, python, javascript (client-side and node.js, coffescript), java, C++

Devops

Debian-based systems on VPNs, AWS, heroku, engineyard, rackspace cloud

Misc

Git, TeX, Vim

Databases

MySQL, PostgreSQL, mongoDB

Academic interests

Theory of computation and programming languages, specially functional programming with Scheme and Haskell

Teaching Experience

Summer 2012

Lecturer, *General Assembly*, New York, NY, US.

- Co-lectured the "cs for hackers" course, covered data structures and algorithms, theory of computation and theory of programming languages; more info at <http://cs4h.com>

Oct 2010–May 2012

Lecturer, *UNITEC*, Tegucigalpa, Honduras.

- Taught programming in java and web development in python and ruby

Education

Jan 2006–
Sept 2010

Bachelor of science in computer systems engineering, *Central American Technological University (UNITEC)*, Tegucigalpa, Honduras.

- Graduated cum laude
- Dissertation: web service for just-in-time recommendations based on ontological user profiles