

# SERGIO BOTERO URIBE

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## EDUCATION

### Universidad EAFIT (Medellín, Colombia)

#### Software Engineering

2007-2012

Cumulative (GPA): 4.1/5

Selected Coursework:

**Computer Science:** Programming Languages · Data Structures and Algorithms · Operating Systems · Computer Architecture · Software Engineering

### Training on the Hubzero project - Purdue University

August 2011 - December 2011

Training on the implementation and support for a supercomputing platform and the project that enables its usage.

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## WORK HISTORY

### Universidad EAFIT (Medellín, Colombia)

#### Visiting Scientist at C.E.C.I. Laboratory at MIT (Oct 2012 - Feb 2013)

##### Programmer LabManager Project

- Project to integrate multiple Remote laboratory systems (e.g. iLabs, Deusto) in different Learning Management Systems, and allow students to access remote laboratories from their course contents.
- Working on the LMS to LabManager communication.

### Universidad EAFIT (Medellín, Colombia)

#### R+D In Computer in Education (Jan 2011 - Jul 2012)

##### Intern Research Assistant

- Ubiquitous technology project: Interactive TV application to let children in rural areas learn about their context.
  - (Side project) Developed an iOS application for the university. Let students access grades, class schedule and general information.
- Project for the implementation of a NanoHub mirror for Latin America.
  - Creation of scripts for automated installs of computer cluster.
  - (Side project) Started a Web application to help people create submission files required to send a job to a cluster that uses Condor HTC.

### Kogi Mobile (Medellín, Colombia) (September 2011)

#### iOS developer

- Work on the technical development of iOS applications.
  - Worked on adapting a video advertising component for a TV show application.
  - Worked on the development of a new version for an already existing application.

**39 Inc** (May 2012 - )

***iOS developer***

- Part of the iOS development team.
  - Developer of a native iOS application for an existing Web application.
  - Worked on the development of a new application. Had to solve issues with memory management, networking and basic table views.

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SKILLS

- Proficient in software development using Objective-C.
- Proficient with GNU/Linux and Mac OS X.
- Proficient with Cocoa frameworks.
- Familiar with C.
- Familiar with Git scm.
- Familiar with Bash, Web Development using Ruby, HTML and CSS.

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LANGUAGES

- Spanish - Excellent (Native)
- English - Good (TOEFL iBT 97/120)
- Italian - Good (Level 11/16)

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CONTACTS

**Juan Guillermo Lalinde Pulido, Ph.D.** (Universidad EAFIT)

***Professor of the Data Structures, Algorithms and Operating System lectures***

- [jlalinde@eafit.edu.co](mailto:jlalinde@eafit.edu.co)

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ACHIEVEMENTS

- South American Contest ACM ICPC, Universidad de los Andes, Fifth place, 2009
- Third GEMIS-OE Programming Contest, Universidad EAFIT, First place, 2009

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ENTREPRENEUR / STARTER PROJECTS @ ZINERGIA

**Zinergia** (Current)

***Developer***

Zinergia is a small business with now a 6 people team (all students) that build web and mobile applications. Most projects are for the local fashion industry.

You can find us on <http://zinergia.co>

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PERSONAL PROJECTS

- All projects and current work can be found at my GitHub profile (<https://github.com/sergiobuj/>)
- Business QR Card App for iPhone (Not in store anymore)