

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.

WORK HISTORY

Universidad EAFIT (Medellín, Colombia)

Research in Spatial Economics, RiSE Group (Mar 2013 - Current)

ClusterPy programmer

- Parallelization and optimization of the clustering algorithms available in the Clusterpy library.
- Project to make available the ClusterPy library on EAFIT's Apolo computer.

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.
- Project is at <http://www.github.com/lms4labs/labmanager>

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 - September 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.

SKILLS

- Proficient with GNU/Linux and Mac OS X.
- Familiar with C, Objective-C, Python.
- Familiar with Git scm.
- Familiar with Bash.

LANGUAGES

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

CONTACTS

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

Professor of the Data Structures, Algorithms and Operating System lectures

- jlalinde@eafit.edu.co

ACHIEVEMENTS

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

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>

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)