Simón Escobar Benitez

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Education

Universidad EAFIT (Medellín, Colombia) Software Engineering
2010-2014
Current Cumulative (GPA): 3.9/5

Work History

Universidad EAFIT (Medellín Colombia) / ARTICA (Applied ICT Regional Alliance) (2012-1)
Research assistant in iTV
- Software development on Android devices with Java
- Interactive Android tv controls based on Accelerometer, Gestures, Buttons, Voice, and Multimedia (the last one was developed by testing the best capabilities of the other ones based on their usability) *Java Android*

Universidad EAFIT (Medellín Colombia) (2013-2)
Teacher Assistant
- Integration Project 1
- Assist students on Android Application Development.

Universidad EAFIT (Medellín Colombia) High Performance Computing Research Center APOLO (2014-1)
Research assistant
- Research Assistant in High performance computing based on Open Source technologies
- Operative System: we work on "Rocks Cluster" based on CentOS 6.1
- As a System Administrator i'm in charge of job submission queues using torque and maui as a scheduler.

Courses and Certifications

Github account with the below cartifications *https://github.com/sescobb27/Certificados*
- Foundational Computer Science Course - An Industry Perspective, conducted by Educational and Research Department Infosys Limited (Mysore - India) **Java J2EE PLSQL JSF JPA**

- Web and Mobile Development course in HTML5, CSS3, JQuery - TICS Ministry Medellin **HTML5 CSS3 JQuery**

- Web development course in Ruby on Rails - TICS Ministry Medellin **Ruby on Rails**

- Java Android Mobile development course - TICS Ministry Medellin **Java Android**

- ***Certified with distinction*** in An Introduction to Interactive Programming in Python, authorized and conducted by Rice University at `www.coursera.org` **Python**

- Learn to Program: Crafting Quality Code, conducted by University of Toronto and offered by Coursera at `www.coursera.org` **Python**

- CS-169.1x Software as a Service course in Ruby and Ruby on Rails, Agile Methodologies, Test Driven Development and Behavior Driven Development, conducted by Berkeley University at Edx **Ruby - Ruby on Rails - Test Driven Development - Behavior Driven Development - Agile Methologies**

- CS-169.2x Advanced Software as a Service course in Ruby and Ruby on Rails, Agile Methodologies, Test Driven Development and Behavior Driven Development, conducted by Berkeley University at Edx **Ruby - Ruby on Rails - Test Driven Development - Behavior Driven Development - Agile Methologies**

Personal projects

All projects and current work can be found at my GitHub profile: `https://github.com/sescobb27`
- GCMServerTest and GCMClient **Ruby on Rails and Java Android**
- WebServer from scratch **Golang**
- Parallel Copy, project in **Python, Ruby and Golang** for copy files in parallel using Threads or Forks
- Easybus Medellín**Java Android**
- As a team we Developed a Credit Card Application based on documentation given by Infosys in our training on **J2EE Java PLSQL JSF JPA**
- Huffman Algorithm application **Java**
- Blackjack **Java, Ruby and Python (University purpose, and learning Python and Ruby**
- Online Store application **Ruby on Rails**(Based on Agile Web Development with Ruby on Rails book, when learning Ruby on Rails)
- ChatP2P TCP chat built with ruby using http sockets, threads and regex **Ruby**
- I have contributed to **phalcon php framework** and **ffaker** Open Source projects, check it out on my GitHub profile
- more ...

- Proficient in Ruby, Ruby on Rails, Java.
- Familiar with Behavior Driven Development.
- Familiar with Test Driven Development.
- Familiar with Javascript, Python.
- Familiar with GNU/Linux.
- Familiar with GIT
- Familiar with Golang

Languages

- Spanish - Native Language
- English - (*Listening and Reading*: Proficient, *Writing and Speaking*: Familiar)

Extras

- Other courses with progress reports and courses already completed in **Ruby, Ruby on Rails, Javascript, Python, HTML and CSS**:

  •http://www.codeschool.com/users/sescob, •http://www.codeschool.com/users/sescobb27,
  •http://www.codecademy.com/sescob27

- I made a **Ruby and Ruby on Rails free course** on Eafit University sharing my knowledge on how to get from basic to be a proficient Ruby developer; teaching Blocks Procs and Lambdas, inheritance, Object Oriented Design, Runtime evaluation, Modules, Test Driven Development (TDD), Dependency Injection and more. Then i introduced them on how to setup a Ruby on Rails project, Perfect Flow, Rails layers and how to develop and understand each layer. 2013 - 2 https://github.com/sescobb27/CursoRubyRoR
- I wrote an article on how to build a TCP Chat using ruby. http://www.sitepoint.com/ruby-tcp-chat/