

# SIMÓN ESCOBAR BENITEZ

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## EDUCATION

**Universidad EAFIT (Medellín, Colombia)** Software Engineer

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## WORK HISTORY - 6 YEARS OF EXP

**Elizabeth & Clarke (New York/Remote)** (2015-2, 2017-2)

Software Engineer

- **Elizabeth & Clarke** is an on-line subscription based fashion store
- Part of 2 people team for the back-end and front-end
- Worked on implementing the second version of Elizabeth & Clarke with NodeJS and MongoDB in the back-end and EmberJS in the front-end and stripe as out payment gateway.
- Designed and developed the architecture of the second version of Elizabeth & Clarke.
- Designed and developed the behavioral state machine that controls all our operations including order state management, subscription and billing management and customer management.
- Designed and developed (Dollarico) an internal automation tool to automate the process of delivering new seasons through time, so we can run a year in 1 day including product releases, payments, reports and more.

**Make it Real (Medellín)** (2017-1, 2017-1)

Mentor

- **Make it Real** is Full-Stack bootcamp
- Taught about Ruby, OOP with Ruby, Sinatra, Rails, Databases, SQL and JavaScript

**Talos Digital (Medellín Colombia)** (2014-2, 2015-1)

Software Engineer

- **Convenience Select:** The project was about Team management and Loan service for kid's sport teams. The teams were able to outsource all the payment and e-commerce services through the application.
- Full-stack Developer using MEAN framework (MongoDB, ExpressJS, AngularJS and NodeJS).
- Developed all client side logic and interactions using AngularJS.
- Developed a Loan service and Payment Gateway Adapter.
- Developed a cron based services for charging users.
- **Scather:** The project was about building mobile web sites and native applications dynamically and easily for non-dev customers.
- Full-stack Developer using Firebase, AngularJS and NodeJs
- Developed all business logic in AngularJS using Firebase as a web service which is a realtime nosql database.
- Developed a NodeJS proxy for all our integration with our Payment Gateway including webhooks. Also this proxy serves all our integration with Urban Airship for all our notifications to mobile devices.
- Built the production environment in AWS EC2.

**Freelance (Remote) Liliane Fonds Ong** (2013-2, 2014-1)

Software Engineer

- Migrate a **Ruby on Rails 2** application to **Ruby on Rails 3** and Heroku.
- Developed new features and improve performance.

**SmartOut (Half Time - Remote)** (2013-1, 2014-1)

Software Engineer

- Developed a **Ruby on Rails - Postgresql - EmberJS** application for local Start-Up
- It was a coupon/discount recommender system who deliver coupons and discounts directly to user through Google Cloud Messaging and Apple Push Notification Service improving the Customer - User relationship.

**Universidad EAFIT (Medellín Colombia) High Performance Computing Research Center APOLO** (2014-1, 2014-2)

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 was in charge of job submission queues using torque and maui as a scheduler, compilation and installation of large and modular software.
- Built Sys-Admin tools with Ruby, Python and Bash Script.

Universidad EAFIT (Medellín Colombia) (2014-2)

Teacher Assistant

- Integration Project 2
- Assist students on Web Application Development, Continuous Integration, Continuous Delivery and TDD.

Universidad EAFIT (Medellín Colombia) (2013-2, 2014-2)

Teacher Assistant

- Integration Project 1
- Assist students on Android Application Development.

Universidad EAFIT (Medellín Colombia) / ARTICA (Applied ICT Regional Alliance) (2012-1)

Research assistant in IPTV

- Java Android Software Developer
- Interactive Android TV controls based on Accelerometers, 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**

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OPEN SOURCE

All projects and current work can be found at my GitHub profile: <https://github.com/sescobb27>

- Forked and Maintain node's JSON:API serializer which is used in Elizabeth & Clarke's back-end <https://github.com/sescobb27/node-jsonapi-serializer>
- Contributed to [https://github.com/DavyJonesLocker/postgres\\_ext](https://github.com/DavyJonesLocker/postgres_ext)
- Contributed to <https://github.com/ffaker/ffaker>
- Contributed to <https://github.com/phalcon/cphalcon>
- more ...

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SKILLS

- Proficient in Ruby, Ruby on Rails, JavaScript, NodeJS, EmberJS, Test Driven Development.
- Familiar with Golang.
- Familiar with GNU/Linux.
- Familiar with GIT.

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LANGUAGES

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

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EXTRAS

- Ex-organizer of *Golang Medellín* Meet-Up
- Organizer of *RubyConf Colombia*
- Organizer of *RailsGirls Medellín*
- RAFT Consensus algorithm talk *Papers We Love Medellín* <https://github.com/papers-we-love/medellin/pull/4>
- Conquering the web with Go *Golang Medellín Meet-Up* talk <https://github.com/sescobb27/go-web-apps>
- Asynchronous and Parallel behavior with Go *Golang Medellín Meet-Up* talk <https://github.com/sescobb27/async-go>
- *Ruby and Ruby on Rails free course* on Eafit University 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. Introduction 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>
- Article on how to build a TCP Chat using ruby. <http://www.sitepoint.com/ruby-tcp-chat/>

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PERSONAL REFERENCES

- Juan Pablo Buritica *CTO at Elizabeth & Clarke* and *VP of Engineering at Splice* Twitter @buritica
- Sebastian Arcila Valenzuela *Architecture Director at Barista Ventures*