Aldo **Borrero González**

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WEB2 http://viewsforandroid.com • **GITHUB** http://github.com/ViewsForAndroid

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EDUCATION   **Computer Engineering**
Escuela Técnica Superior de Ingeniería Informática
Universidad de Alcalá. Graduated in 2012.

EXPERIENCE   **General Software (Indra), (April 2014 – Now), Madrid**

Android App

Architected and developed a prototype application for Santander called
Santander Esfera with Android Studio and with the following libraries:
EventBus, NineOldAndroids, Dagger, Butterknife, custom
SlidingPanelLayout, custom ViewPagerIndicator, custom SwipeListView,
Crashlytics and Expresso.

Heavy usage of custom components and Gradle.

Sivarit, Programmer (January 2013 – Now), Madrid

Android Apps

Developed two clients (one for end users, the other for commerces)
using Gradle with Android Studio, alongside with libraries like Robotium,
Roboguice, Volley, ActionBarSherlock, Google Location Services and
Support Library. Instrument Testing done with Robotium.

Google Play Url: http://j.mp/1krGKUI

Backend / Web / Api

Developed with Node.js (using expressjs), backed with MongoDB (using
geospatial queries) and Redis for session storage. API developed using
the best practices of restful web services. Web clients developed using
Backbone.js (with Marionette, Bower, LessCSS, RequireJs and much
more).

Web Url: http://sivarit.com

Devops

Developed the infrastructure and deployment of the application including: configuring, tuning and securing every service and process of the production machine. Automated using Ansible (previously migrated from Chef).

SUN Microsystems Laboratory for Computational Finance, Programmer (February 2010 – September 2010, February 2011 – September 2011), Universidad de Alcalá

Programmer

UAH Scholarship to develop a prototype application based on Android 2.3 with NFC payments for Starbucks Coffee and using a backend with Java and CouchDb.

Also, in another project for tourism, a simple backend was developed using a restful API approach done in Java alongside with an Android 2.3 client to consume that API.

Key skills acquired

- Self-management and self-learning the right tools to carry out the objectives correctly.

Google Summer of Code, Programmer (June 2009 – September 2009), Madrid, Barcelona and London

Designer and Programmer

Developed the concept of Worksapces for TikiWiki CMS using PHP and MySQL.

Key skills acquired

- Learned how to make critical decisions in an environment of real development (using an agile methodology, scrum).

- Clarity in English exposure against an international team doing a conference.

SKILLS

Programming Languages
- Android: using Android Studio and knowledge on wide range of libraries including: REST API integration with Volley or Retrofit; Dagger and Roboguice for Dependency Injection; Zxing for QR scan, JSON with GSON, Robotium and Expresso for testing and Gradle for compiling.
- Java: (Design Patterns and Clean Code), Maven, Gradle.

- Javascript: Backbone.js, Backbone.js Marionette, Require.js, Bower, Jquery.
- Nodejs: REST API design, expressjs, Grunt, Mocha.
- HTML5 and CSS3: Foundation, Bootstrap and Responsive Design.
- NFC, Payments (including Paypal).

Databases
- MongoDB: including Geospatial queries.
- Redis: session storage.
- CouchDB.
- MySQL: intermediate level.

Cloud Computing
- GAE, AWS (this includes knowledge in ELB, S3, EC2) and Heroku.
- Automation and deployment infrastructure with Ansible or Chef and Vagrant.
- Optimization and tuning of different services like Nginx, Varnish and MongoDB.

Methodologies
- Agile with Scrum.

LANGUAGES
- Spanish: Native

- English: B2