Lorenzo RIGATO
Android Software Engineer

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 Treviso, Italy

Android engineer with 4+ years of experience in mobile development. Strong knowledge of Android framework.
Able to complete tasks autonomously, always trying to do the best to find the proper solution.
Clean and well-structured code lover. Simple and clear user interface amazed.
Also, bicycle climber, motorbike explorer, sunset searcher, acoustic guitar player. Last but not least, good food addicted.

💼 PROFESSIONAL EXPERIENCE

Present
February 2020

Android Software Engineer, NUMBRS PERSONAL FINANCE AG, Zürich - Switzerland
> Implementation of new features following a **Rx-reactive** approach. Heavily used Rx to standardise the communication between View, ViewModel, Model and other BLU components.
> Usage of the **MVVM** architectural pattern to structure code.
> Implementation of a generic **view component** to create dynamic forms (back-end driven).
> Development of a **configurator** application to customize the Numbrs app behaviour.
> Improvement of the internal **Android CI** to automatically update JIRA tickets when the correspondent PRs were merged. Implementation of a Google Play integration to build and upload the App Bundle.
> Improvement code quality writing **Unit and Integration Tests**, participating to **Code Review** and using SonarQube to keep track of code coverage and code smells of each PR.
> Tasks organization following the **AGILE** methodology and using JIRA.

Android | Java | Kotlin | Python | RxJava | RxKotlin | Data Binding | Mockito | Espresso | Koin | Jenkins | Jira | Stash
SonarQube | Nexus | Git | Zeplin

October 2019
November 2016

Android Software Engineer, PREVINET S.P.A., Treviso - Italy
> Design and implementation of the Android **Architecture** for "XME Salute" application of Intesa San-Paolo bank.
> **User-focused** design following UX specifications and implementing **Accessibility** using Talk-Back API.
> Usage of the **MVP** architectural pattern to write structured and testable code
> Implementation of **Unit, Integration, and End-to-End** tests
> Internal **Android Library** implementation of custom views to be re-used in multiple projects
> Written **Code Documentation** for the internal Android Library and application's core components
> **Training** new trainee developers sharing Android knowledge and involving them into the project.
> Development of Accessibility using VoiceOver API for the **iOS** application.

Android | Kotlin | iOS | Swift | Data Binding | Dagger 2 | Realm DB | OkHttp | Firebase | Picasso | Espresso | Mockito
Zeplin | Git

September 2018
August 2017

React JS Engineer (Freelance), FOODRACERS S.R.L., Treviso - Italy
> **Design system** implementation of atomic React JS components using the Storybook library
> JS code structured following the **Redux** pattern
> CSS code structured following the **BEM** methodology
> **React JS** pages implementation deployed on a Ruby on Rails front-end application
> Development of both **Android and iOS** applications to embed the front-end's React JS pages

Android | iOS | Turbolinks | Ruby on Rails | React JS | Storybook | Webpack | Stylus | Heroku

March 2016
September 2015

Android Software Engineer, BELKA S.R.L., Trento - Italy
> Development of two Android applications. First one to share events between people in the same area. Second one to configure embedded chips through **NFC** inferface.
> Usage of the **MVP** architectural pattern to write structured and testable code
> Design **Responsive UI** following Material Design guidelines
> Open-Source **Android Library** implementation (Android Toggle Switch)
> End-to-End tests and unit tests implementation

Android | Java | Material Design | NFC | Robolectric | JCenter | Github | Jira | Kanban | Espresso

September 2015 December 2011	**Internship Android and Ruby on Rails Engineer, ICT4G Unit @ FBK, Trento - Italy** › Development of Android applications to reduce food wastage › Versioned **RESTful API** implementation › Development organization following the Agile methodology with the **Scrum** framework Android Java Eclipse Ruby on Rails Git Kunagi Scrum

🔤 LANGUAGES

Italian ● ● ● ● ●
English ● ● ● ● ○
German ● ● ○ ○ ○

➕ FORCES

› Passion
› Precision
› Motivation

✹ CERTIFICATIONS

May 2019	Bulats English Certification **C1 Level** - Cambridge English
Sep 2016	Java 8 SE Programmer - Oracle

🎓 EDUCATION

Dec 2015	Computer Science Master's Degree **110 with honour** - University of Trento
Sep 2013	Computer Science Bachelor's Degree **103/110** - University of Trento

🖥 PERSONAL PROJECTS

ANDROID TOGGLE SWITCH - ANDROID LIBRARY   2016

○ github.com/llollox/Android-Toggle-Switch   ○ github.com/BelkaLab/Android-Toggle-Switch

An open-source Android library to create custom toggle buttons. The first version was developed working at Belka Srl.
One year later, the library was re-written in Kotlin, as an exercise to learn it, and published on my Github account as version 2.
In this second version, I added new features to improve the button's customization.
Currently, it has roughly 500 stars, summing the Github repositories of both versions.

Android Kotlin Java Github Open-Source Library

QUANTO SPRECO? - ANDROID APPLICATION AND RUBY ON RAILS API   2015

↗ http ://ict4g.org/smartpantry/

Design and development of an Android application and a Ruby on Rails back-end to monitor user's food wastage.
Scraping information from a PDF with the list of all foods with their nutritional facts to create the food database of the application.
Based on what people buy and how much food they throw away, the application provides automatically :
› A shopping list with the proper quantity of each product
› A list of recipes maximizing the product usage
› Statistics about the user's diet composition
This was the project for my Master's degree thesis.

Android Java Volley Picasso Ruby on Rails Nokogiri RSpec API Sublime Text

WEST ROAD BIKE - WEB APPLICATION   2013

↗ https ://www.westroadbike.it/

Design, development, and deployment of a public website and a back-office web application to manage customers, offers and events of a motorbike shop.
Responsive UI using Twitter Bootstrap grid system and CSS media query.
Integration with Facebook and Mailchimp API.
Scraping websites to create a database of all the Italy's municipalities and another one of all motorbikes.
Integration of these databases with the customer's information.

Ruby on Rails Nokogiri Capistrano Facebook API Mailchimp API Nginx Bootstrap SASS jQuery