Jonas SCHMID

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Current goal

I am **looking for a new challenge** in an **enthusiastic environment** that is eager to ship software.
My main interest is **Mobile development**. I currently work with **iOS**, but I previously enjoyed working on **Android**. I always try to find the **best tool for the job**, but I also like to tinker with **cutting-edge technologies**.

Professional experience

Utribo   2013 – current

Building an iOS app in Swift using the MVVM paradigm and ReactiveCocoa. Database synchronization with Couchbase Lite. Live chat with XMPP. Tests using Quick and Nimble. Automation and Continuous Integration with CircleCI, Fastlane and Carthage. Supervision and code review of a coworker.

Previous project: building an iOS app by myself from the ground up using CoreData (MagicalRecord, FMDB), AFNetworking, Mantle, Masonry, PromiseKit, OCMock, CocoaPods and the Salesforce REST API.

Working in collaboration with both backend and frontend engineers using the Github workflow.

Elca Informatique   2012 – 2013

Android application paired with a bluetooth barcode scanner, PoS terminal, live synchronization, used by hundreds of workers. Improved the C# backend and website.

Side projects: Security audit of an Android banking application. Two-factor authentication application (Elcard). iOS proof-of-concept application for a European administration.

Freelancer   2007 – 2012

Epsitec	Various projects using C#, SOAP, WCF, PHP Paypal integration, ExtJS
Yverdon-les-Bains	Website using PHP 5, MySQL, jQuery, AJAX, Google Maps, template system, localization
Android Platform	Paid and free Android applications distributed on the Google Play Store

Logitech, CA, USA   2011 – 2012

Master thesis: Media player application for Google TV controlling the entire entertainment system. Data is gathered from the application usage and handled in order to earn knowledge about the HDMI-CEC technology.

Thomson Research Center, NJ, USA   2008

Bachelor thesis: connected social media center using web technologies.

Education

Swiss Federal Institute of Technology, Lausanne (EPFL)   **2009 – 2012**

Master of Science in Computer Science, "Ingénieur informaticien diplômé EPFL".
Master thesis grade: 6 / 6

University of Applied Sciences of Western Switzerland (HEIG-VD)   **2005 – 2009**

Software Engineering Diploma, "Ingénieur HES en Informatique – Orientation Logiciel".
Bachelor thesis grade: 5.5 / 6

Publications

Man in the (Android) Mobile – MISC Magazine   **2014**

Presentation of how to misuse of the Android public API in order to deceive the user (installation of unwanted app, click-jacking, etc.) without requiring any special exploit. Written in collaboration with two Elca colleagues.

Languages

French	Mother tongue
English	Fluent reading, writing and speaking. C1 level certification
German	Basic knowledge

Interests

Communities: github.com/jschmid - stackoverflow.com/users/183665
Attending to meetups from CocoaHeads Lausanne and JavaScript Romandie.
Sport: practice of badminton, motorbike and snowboard on a regular basis.
Member of students associations: helping new students, organizing events, EPFL (2011), HEIG-VD (2008).