

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** and **Android**, both using native code or Xamarin. I always try to find the **best tool for the job**, but I also like to tinker with **cutting-edge technologies**.

Professional experience

Liip 2016 – current

Part of the Mobile Team in our Fribourg office. Shipping apps in collaboration with mobile and backend engineers using the Scrum methodology.

FAIRTIQ, Switzerland's most simple public transportation ticket: participating in building the iOS and Android apps with Xamarin using the MVVM paradigm. Built the Apple Watch app from scratch.

Together in Switzerland: leading the project on the mobile technical side. Building the iOS and Android apps with Xamarin. Continuous integration with Fastlane, Jenkins, HockeyApp. Supporting 7 languages, including Arabic.

Utribo 2013 – 2016

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).