



## Kristijan Šimić

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### Profile

Software engineer with advanced experience in building well-designed, structured, large-scale, efficient and tested applications for iOS and OS X. Specialised in design patterns, algorithms and performance optimisation.

### Experience

#### **LEAD IOS & OS X ENGINEER, 6 WUNDERKINDER; BERLIN – 01/2012-PRESENT**

Working as lead engineer in charge of the Objective-C clients at [6Wunderkinder](#). Creating Wunderlist for [iOS](#) / [OS X](#), a simple but powerful task manager with over 7 million users. Wunderlist for OS X received the App of the Year award on the Mac App Store for 2013 and the Editor's choice award in January 2013. Responsible for the overall application architecture, syncing algorithms, persistence layer and custom UI on both platforms. Leading a team of six fellow software engineers.

#### **OS X DEVELOPER / FRONT-END DEVELOPER, HERUS D.O.O; SPLIT, CROATIA – 11/2009-12/2012**

Developed a OS X broadcast-application suite for the Croatian TV channel [FullTV](#). Conceptualised and implemented a media digest system with video editing, composition and special effects capabilities - using Cocoa technologies like Quartz, AVFoundation and CoreImage. Built the B2B platform [FullBusiness](#) which provides smart IT solutions to small and middle sized businesses. Responsible for the front-end HTML / Javascript development.

#### **SOFTWARE ENGINEER, SKYTEC AG; MUNICH – 01/2008-5/2009**

Worked on software projects for companies from the automotive sector, mainly developing internal tools for QA-Departments using Java and C. Wrote my [masters thesis](#) under guidance of the software engineering department, elaborating how multimedia content can be tagged and categorised by machine learning algorithms and analysis. The thesis contributed significantly to [Xinaps](#), an IT project funded by the german ministry for science and education.

#### **FREELANCE SOFTWARE DEVELOPER IOS & OS X; 2008-PRESENT**

Worked on several commercial Objective-C applications for [5Minutes Ltd.](#), [FoggMobile](#) and [RaySono](#). Advanced experience in dealing with versioning control systems, large code bases, test driven development, documentation creation processes and agile software development.

## Education

Ludwig Maximilians University Munich – Computer Science (MSc, emphasis on software architecture and algorithms, passed with distinction), 10/2003-04/2009

## Skills

Objective-C, C, AppKit, UIKit, CoreAnimation, SceneKit, CoreImage, AVFoundation, Quartz, QTKit, CoreLocation, CoreData, CoreFoundation, Multithreading APIs, Bash scripting, HTML, CSS, JS, REST, JSON, XML, SCM (GIT, SVN)