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Curriculum Vitae

of Florian Moser

Facts

BORN

20.08.1995

CITIZEN OF

Switzerland, Grossaffoltern, Bern
Italy

CIVIL STATUS

single

LANGUAGES

German (mother tongue)
English (very good spoken and written)
Spanish (good spoken)
French (good spoken)

ONLINE

<https://www.linkedin.com/in/famoser>
<https://github.com/famoser>
<https://stackoverflow.com/users/2259391/florian-moser>
<https://blog.famoser.ch/>

EDUCATION & PROFESSIONAL BACKGROUND

Since 2015 Computer Science at [ETH Zürich](#)
Since 2015 Engagement at [Unit Solutions](#)
Since 2015 Engagement at [Mussler AG](#)
2016-2017 Full-Stack Web Developer at [JKweb.ch](#)
2015 Internship at [Unit Solutions](#)
2014-2016 Freelancer
2011-2012 Exchange year in Mazatlán, Mexico
2010-2014 Gymnasium Oberwil (Highschool)

Who I Am

I am a C# and Full-Stack Web Developer. I have professional experience in both fields, and develop a lot in my spare time for personal use.

c# / windows development

C# is the most useful and powerful language I've encountered so far. Combined with Visual Studio and ReSharper, development is fast and consistent over multiple project types. I have worked with Windows Forms, Windows Phone and WPF and recently have moved on to Universal Windows Platform (UWP) development.

c# projects

Most of my UWP applications are available in the Windows Store. Well-received is [Offline Media](#): This application allows to read newspapers from different sources under a consistent UI. Available are over 20 newspapers from Switzerland, Germany and France.

full-stack web development

My second passion are web applications based on php. To write clean code for the web is harder: faster release cycles, lacking tool support and an astonishing amount of different languages and standards are some of the problems one is faced with. I've chosen the path of a backend engineer, which means I try to minimize frontend functionality and do most of the heavy lifting server-side, supported by powerful frameworks such as symfony or slimPHP.

published web applications

I've had the chance to develop multiple web applications which are currently in production. The most current one is [nodika](#), an event calendar conceptualized for veterinarians to coordinate their emergency services. Core of the application is an algorithm which distributes events between participants as fairly as possible.

combining c# and web

I've done multiple projects combining those two fields together. My newest addition to the collection is a UWP password manager called [Bookmarked](#) which synchronizes items fast and securely with an API called [SyncApi](#) written in php.

workflow

I use an IDE for most of my programming, always following best practices and standards which make sense in the current context. I verify critical functionality with unit tests wherever possible and sensible and try to get them running with a CI service (depending on the project type). I am used to multiple environments (such as testing and production), and update my workflow / setup at least yearly.

leisure

I am engaged in various cultural projects; I occasionally sing in project choirs and help out a senior choir in its concerts. I enjoy spending time or going out with friends, and regularly do sports.

Education

studies

I am currently in the third year of my Bachelor studies. I've passed all exams so far and am looking forward to finish my Bachelor of Science ETH in Informatics in Summer 2018.

developer

I am mostly a self-taught developer, but I could profit greatly from the advisors I've had in my internship at Unit Solutions, the exchange with the other developer at JKweb, and from the concepts I've learned in the ETH courses.

future studies

After my Bachelor I want to pause my studies for a year. In Summer 2020 I'll continue with the Master at ETH, which will be complete in Summer 2022.

Professional Background

full-stack web developer at JKweb

As a Full-Stack Web Developer at JKweb I have created various specialized web applications including job portals and online shops. As project manager and developer, I was in continuous contact with the customer and realized most of the project myself (including database schemas, backend and frontend functionalities).

Technologies: php (symfony), js (npm, webpack, jquery), css (bootstrap), SQL (sqlite, mysql)

internship at Unit Solutions

I was an intern at Unit Solutions (a small software firm) for half a year, and have learned a lot about C#, patterns and workflows. As a developer, I was part of multiple small and big projects. I had created a new tool which allowed the evaluation of street damages. I continue to work for Unit Solutions as a Freelancer.

Technologies: C# (ASP.NET MVC, Windows Phone, UWP, Windows Service), SQL (MSSQL, Postgres, Oracle, sqlite)

technical support at Mussler Hard- und Software AG

At Mussler Hard- und Software AG (a small IT support firm) I've helped with the concept and set up the architecture of a CRM tool based on ASP.NET MVC. They are using it actively on a day-to-day basis, and I continue to consult in technical questions.

Technologies: C# (ASP.NET MVC, UWP)

freelancer

As a Freelancer, I've created webpages and small applications; edited photos, videos and fonts; created business cards and flyers; and answered general IT related questions.

Motivation

my past projects

Most of my private projects are solutions to problems I've encountered in day-to-day life: Offline Media was the way to go because I wanted to read newspapers on my phone without using mobile data. Other projects optimize day-to-day tasks: Bookmarked replaced my old password manager which could not be unlocked by Windows Hello and did not have shortcuts.

scale!

I want to continue this path, but scaled up: Solve problems in a team instead of mostly on my own, create better products for more people instead of a simpler one which is limited to my specific use case. I want to work on big projects; get to know their architectures and the organisation needed to keep it running.

new concepts

I've made the experience that I can learn most by exchanging ideas with other developers. While usually no detailed instructions are needed (which always can be found in documentations or alike) sometimes one is simply not aware of some concept or some useful technology. I've learned a great deal in my internship at Unit Solutions and as a Web Developer, and am looking forward to discover new things in a new environment. I am sure I can contribute my part to it.