Mauro Bieg

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Zürich, Switzerland

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Born: September 28, 1988 in West Berlin
Citizenship: Swiss

Summary

Computer Scientist with a passion for abstractions, problem solving and processes. Has a "getting things done" attitude and experience working in multidisciplinary teams and startups.

Education

2013-2014: Master of Computer Science at ETH Zürich

2008-2013: Bachelor of Computer Science at ETH Zürich

2005-2006: Exchange year in Norway (high school in Kristiansund)

2003–2008: High school: Kantonsschule Romanshorn, Switzerland

1995–2003: Basic education in Horn, Switzerland

Jobs

Since 2018: Software engineer at *Fision Technologies*, Zürich, Switzerland

2015-2018: Co-founder and full-stack developer of 2324.ch, Zürich, Switzerland

2017-2018: Haskell developer for qua-kit, part-time, Chair of Information Architecture, ETH

2015: Software engineer at *mp technology*, Zürich, Switzerland

2014: Internship at *Silk*, Amsterdam, The Netherlands

2011-2014: Webmaster of the Departement of Computer Science at ETH Zürich

2012: Summer internship at *28msec*, Palo Alto, California, USA

Select Projects

Since 2014: regular contributor to pandoc, a universal document converter – Haskell

2019: PanWriter, a Markdown editor with pandoc integration – PureScript, JS, Electron

2015-2018: 2324.ch – full-stack using Ruby on Rails, React, PostgreSQL

2018: bildungsgeschichte.ch – front-end, React

2018: LED matrix display for Impact Hub Zürich – Python on Raspberry Pi

2017-2019: boomerangideas.com – full-stack, Ruby on Rails

2014: Master thesis: a GUI tool to map any JSON-based Web API, plus a server to access it as if it were a HAL Hypermedia API

2014: www.nachhaltigkeitswoche.ch – Web Design, ProcessWire CMS

2013: JSONedit: visual JSON editor built with AngularJS

2010: Facebook App *iCalendar to Event* – PHP, MySQL

2005–2010: Website and layout of the annual reports of the *Thurgauer Heimatschutz*

Know-how

Open source code: www.github.com/mb21

Active on www.stackoverflow.com/users/214446/mb21 (>19k reputation)

Good knowledge of version control worksflows (using Git) and macOS/Linux utilities

Projects executed using:

Ruby on Rails, React, AngularJS, Node.js, Django, AWS, Heroku, PostgreSQL, Docker, Kubernetes, REST APIs, Yesod, Reflex, Silverstripe CMS, ProcessWire CMS, Jekyll, LaTeX, Adobe Photoshop, Illustrator, InDesign

Languages:

Haskell, PureScript, JavaScript, Python, Ruby, Java, PHP, C/C++, HTML, CSS, SQL, SPARQL

Texts

My blog: mb21.github.io/blog

Various articles for the Free Software Magazine

Volunteering

2009-2014: [project 21] – student organization for sustainable development, in 2012 president

2006–2009: Volunteer for student exchange organization *AFS*

Languages

German: native language

English: Cambridge Certificate in Advanced English Grade A

Norwegian, Swedish: fluent

French: basic knowledge