

Mauro Bieg

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Zürich, Switzerland

E-mail: mauro.bieg@gmail.com

Born: September 28, 1988 in West Berlin

Citizenship: Swiss



Summary

Computer Scientist with a passion for abstractions and problem solving. Lots of experience as a full-stack web developer. Has a “getting things done” attitude, and experience in working in multidisciplinary teams.

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 & Internships

Since 2015: Co-founder and developer of 2324.ch, Zürich, Switzerland

2017-2018: Haskell Developer for [qua-kit](https://qua-kit.org), part-time, Chair of Information Architecture, ETH

2015: Software Engineer at [mp technology](https://mp-technology.com), Zürich, Switzerland

2014: Internship at [Silk](https://silk.com), Amsterdam, The Netherlands

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

2012: Summer internship at *28msec*, Palo Alto, California, USA (functional programming)

2006: Internship at *Ramvik AS*, Kristiansund, Norway (graphics and webdesign)

2004: Internship and job at *panta rhei pr*, Amriswil, Switzerland (public relations)

Select Projects

Since 2014: [regular contributor](https://regular-contributor.github.io) to [pandoc](https://pandoc.org), a universal document converter – Haskell

2018: bildungsgeschichte.ch – front-end using React

2017-2018: boomerangideas.com – full-stack using Ruby on Rails

2014: [Master thesis](#): a GUI tool to map any JSON-based Web API, plus a node 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

2012: zig.project21.ch – Responsive Web Design

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

2005–2010: Website and layout of the [annual reports](#) of the *Thurgauer Heimatschutz* – Joomla! CMS, InDesign

Know-how

Open source code: [www.github.com/mb21](https://github.com/mb21)

Active on www.stackoverflow.com/users/214446/mb21 (>14k reputation)

Good knowledge of Git, and macOS, Linux and Unix command line

Projects executed using:

Ruby on Rails, React, AngularJS, Node.js, Django, AWS, Heroku, PostgreSQL, [Yesod](#), [Reflex](#), Silverstripe CMS, ProcessWire CMS, Jekyll, LaTeX, Adobe Photoshop, Illustrator, InDesign

Languages:

JavaScript/ES6, Ruby, Python, Haskell, Java, PHP, C++

HTML, CSS, SVG, SQL, XQuery, XSLT, SPARQL

Texts

My blog: mb21.github.io/blog

2007: Text about the information society: p2pfoundation.net/Table_of_Contents

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

May 22, 2018

<https://mb21.github.io/cv/cv.pdf>