

# Mauro Bieg

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Zürich, Switzerland

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Born: September 28, 1988 in West Berlin

Citizenship: Swiss



## 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](http://2324.ch), Zürich, Switzerland

Since June 2017: Haskell Developer for [qua-kit](http://qua-kit), part-time, Chair of Information Architecture, ETH Zürich

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

2014: Internship at [Silk](http://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 (functional programming)

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

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

## Projects

Since 2014: [regular contributor](#) to the [Pandoc](#) document converter. ([InDesign writer](#), [image sizes](#), [language handling](#), etc.) – Haskell

2016: [pandoc-placetable](#) – Haskell program to place external spreadsheets in pandoc documents

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](http://www.nachhaltigkeitswoche.ch) – Web Design, ProcessWire CMS  
2013: [JSONedit](#): visual JSON editor built with AngularJS  
2012: [Bachelor Thesis](#) a web-based, semantic text editor  
2012: [zig.project21.ch](http://zig.project21.ch) – Responsive Web Design  
2011: Graphical RDF-browser and editor prototype – SPARQL, Jena Fuseki  
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://www.github.com/mb21)  
Active on [www.stackoverflow.com/users/214446/mb21](https://www.stackoverflow.com/users/214446/mb21) (>14k reputation)  
Good knowledge of Mac OS X, Linux and Unix command line including Git  
Analog and digital photography: [flickr.com/photos/28681686@No4](https://www.flickr.com/photos/28681686@No4)  
Projects executed using:  
Ruby on Rails, React, AngularJS, Node.js, MongoDB, Django, AWS, Heroku, PostgreSQL, Silverstripe CMS, jQuery, LaTeX, ConTeXt, Adobe Photoshop, Illustrator, InDesign, Final Cut  
Programming languages:  
JavaScript/ES6, Ruby, Python, Haskell, Java, PHP, C++, SQL, XQuery, XSLT, SPARQL

## Texts

My blog: [mb21.github.io/blog](http://mb21.github.io/blog)  
2007: Text about the information society: [p2pfoundation.net/Table\\_of\\_Contents](http://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

March 4, 2018

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