Mauro Bieg

Mauro Bieg
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

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 (functional programming)

2008: Summer internship at *Spühl AG*, Wittenbach, Switzerland (mechanical engineering)

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

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

Projects

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: Contributed InDesign writer and image sizes to the Pandoc document converter – Haskell

2014: 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 – Responsive Web Design

2011: Graphical RDF-browser and editor prototype – SPARQL, Jena Fuseki

2010: www.project21.ch – Joomla! CMS

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

Active on www.stackoverflow.com/users/214446/mb21

Good knowledge of Mac OS X, Linux and Unix command line

Analog and digital photography: flickr.com/photos/28681686@N04

Projects executed using:

AngularJS, Node.js, Derby.js, MongoDB, Django, PostgreSQL, Silverstripe CMS, jQuery, git, LaTeX, ConTeXt, Adobe Photoshop, Illustrator, InDesign, Final Cut

Programming languages:

JavaScript, Python, Java, PHP, Haskell, CoffeeScript, C++, 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