

Curriculum vitae

Personal data Adrian Lang
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Father Since January 04, 2011

Formal education

07/1994–07/1998 Nürtingen-Grundschule (Elementary school)

07/1998–06/2006 Friedrich-Engels-Oberschule (High school); Finished with high-school certificate, intensive courses in mathematics and music

10/2006–09/2009 Hochschule für Wirtschaft und Recht Berlin, Fachbereich Berufsakademie (Integrated degree program computer science); Finished with Bachelor of Science on using SOAP to communicate with VxWorks-based real-time systems

Professional experience

10/2006–09/2009 FRITZ-HABER-INSTITUT: Vocational education as part of the integrated degree program

10/2009–02/2012 COSMOCODE GMBH: Wiki research and development, web and desktop software development

02-2012– FREELANCER: Web development, JavaScript, PHP

General background

Languages German, English, Spanish

Free software Release manager for DokuWiki
 Creator of libomb for Status.net

Free culture Contributions to the German Wikipedia and Wikimedia Commons as administrator, author of honored articles, member of the e-mail support and response team

Technical knowledge

Apache Atmel C CakePHP CouchDB C++ CSS darcs DB2 Debian
Derby.js DIME **DokuWiki** Dovecot Ender.js EtherpadLite
Express fcgid Flash **git** GNU/Linux Grunt.js Haskell **HTML**
HTML5 HTTP Jade Java **JavaScript** JVM jQuery
jQueryUI Kohana LaTeX LDAP LESS MacOSX MediaWiki Meteor MIME
MTOM MySQL Node.js nginx OAuth OpenMicroBlogging OpenID
OTRS **PHP** Postfix **RegExp** Responsive Ruby RubyOnRails
Scala Scrum Shell SOAP Solaris StatusNet SQL SQLite Subversion
Titanium **TwitterBootstrap** **Underscore.js** vim VisualC++
VxWorks **Wikipedia** Windows WordPress XML XP

Projects in the course of studying computer science (2006–2009)

SOAP	I evaluated SOAP as a high-performance protocol for transferring big binary data sets from real-time data acquisition devices to analysis systems. The evaluation included reviewing different binary attachment formats, HTTP connection parameters and SOAP stacks.
SMART	SMART is a high-resolution spectro-microscope installed at the BESSY electron storage ring in Berlin-Adlershof. I wrote a C++ module that captures the output of a high-performance digital video camera and provides a SOAP interface for a complex data acquisition and analysis application. The module includes a graphical frontend providing parameter adjustment and a real-time preview.
BAJOS	BAJOS is a C-based Java Operating System designed for embedded systems like the Atmel ATmega and AVR series. Among many other contributions I added exception handling, reviewed BAJOS' partial Java Class Library implementation and amended it where feasible.

Free software and free culture engagement

Wikipedia	Beginning with 2007, I wrote JavaScript modules for performing administrative tasks in the German Wikipedia. Those scripts typically used the MediaWiki API to automatically leave notes on talk pages, delete or move files and pages, notify users via mail and talk page or compare image checksums.
OpenMicroBlogging	In 2009, I contributed to the free microblogging software Laconica (now Status.net). As a major addition I wrote the PHP library libomb which implements the OpenMicroBlogging protocol. OMB provides federation across instances by extending OAuth. Furthermore, I wrote a libomb-based WordPress plugin providing an OMB service.
DokuWiki	Since 2009, I am core contributor to the popular wiki engine DokuWiki. Lately, I became responsible for the release process.

In 2011, I put extensive effort into porting our custom JavaScript code to jQuery.

At CosmoCode (2009–2012)

DokuWiki CosmoCode conducted the research project ICKE in collaboration with the Fachhochschule für Technik und Wirtschaft and three Fraunhofer institutes. In this project I worked on using Wikis in business intranets for project management, documentation and collaboration. Additionally, I developed several DokuWiki plugins for the ICKE project and other DokuWiki clients.

Titanium Desktop In 2010, I developed a pure-JavaScript Appcelerator Titanium Desktop-based XML editing application for a big German tool manufacturer. The XML files are used as configuration and data for an embeddable JavaScript + XML product catalog system.

Berlin, February 27, 2013