# Curriculum Vitae – Mattias Bengtsson

## Contact

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## Education

### Gymnasium

Technical Science Program
1998 - 2001

### Chalmers University of Technology

Computer Technology program, a total of 262 hp (Three exams from graduation)
2002-2006, 2008-2009
Specialised in Compiler Construction and Programming Languages

## Work

### Kronägg

Miscellaneous warehouse work on holidays and weekends, 1997-2000

### Ringhals nuclear power plant

Programmer and administrative assistant, 2002

### Volvo

Miscellaneous warehouse work on holidays and weekends, 2005-2006

### Tactel

Programmer — consultant for Sony Ericsson, Java and C, 2007-2008

### Peak-IT

Programmer — mixed consultancy, Java, C # and Javascript, 2010-2011

### Kartena

Programmer — Web based maps, C # and JavaScript, 2011-2013

### GOOGLE Summer of Code — GNOME Maps

Programmer — Javascript, 2013

## Knowledge

### Operating Systems

- Linux — 15 years experience as a free software enthusiast
- Windows — several years of user experience
- MacOS — two years of user experience

### Programming languages

Good knowledge — professional experience or has written a lot of code for spare time projects
- JavaScript (browser, gjs and node.js)
- Haskell
- C#
- Java
- C

Relatively good knowledge — has written at least one small project
- PHP
- BASH
- Perl
- ELisp

Basic knowledge — have read a lot of code or written a number of smaller snippets of code
- Python
- Erlang
- Agda
- C++
- Vala

### Software

Good knowledge
- Git and mercurual
- Emacs, Eclipse and Visual Studio
- Autoconf, make, gcc, gnu tools, JHBuild
- Jake, Grunt, jshint, mocha, jasmine, npm

Relatively good knowledge
- Bugzilla and git-bz
- Darcs, Subversion and CVS
- MongoDB, MySQL and PostgreSQL
- TileStache and GeoServer
- systemd

## Frameworks and Libraries

Good knowledge
- jQuery
- Leaflet — map client for the browser
- express and restify — REST-ish web frameworks for Node.js
- GTK+, GLib and GObject
- Node.js
- ASP.NET MVC, Ninject, NHibernate
- emacs

Relatively good knowledge
- Java 1.6 SDK, J2EE, Ant, Maven, stringtemplate
- Android SDK
- Autoconf / make
- browserify, require.js
- ASP.NET WebForms

## Domain specific languages / formats

- HTML5 and CSS3
- Regular expressions
- GeoJSON, WKT and TopoJSON
- BNF (LBNF and ABNF)
- SQL
- XML, XPath, XmlSchema and XSLT

## Languages

- Swedish  —  native
- English  —  fluent
- German  —  enough to order beer

## Other

### Master thesis

Implementation of a Home Agent, part of the Mobile IP standard. Completely written in C.

### Interests

Music, gaming, free software, politics, beer, functional programming, programming languages, open data and maps.

### Specific assignments

Been Chairman and board member of a collective card game association with over 1,000 members during 2005 - 2008.

### Open source / Free software

Active on GitHub. Has produced several patches to Leaflet and written a number of plugins it. Currently working on GNOME Maps, a map application for GNOME written in JavaScript, since early spring '13.
I follow lots of open source projects actively (via IRC and mailing lists).

### Code — Repositories of some project I've contributed to

Commits from [mattias.jc.bengtsson@gmail.com](mailto:mattias.jc.bengtsson@gmail.com) and [mattias.bengtsson@kartena.se](mailto:mattias.bengtsson@kartena.se) are mine.

Github:
- https://github.com/Leaflet/Leaflet
- https://github.com/kartena/Leaflet.zoomslider
- https://github.com/moonlite/Proj4js
- https://github.com/moonlite/systemet.se
- https://github.com/moonlite/Leaflet.MultiTileLayer
- https://github.com/moonlite/npm-fork/blob/master/npm-fork

GNOME:
- https://git.gnome.org/browse/gnome-maps

### Origin

Born and raised in Varberg, Sweden. Based in Gothenburg since 2002.

### Age

32 years