Friedel Manuel Ziegelmayer

Education

2004 – 2007   **Abitur**, *Richard Fehrenbach Gewerbeschule - Technisches Gymnasium*, Freiburg, *1.3*.

2007 – 2013   **Diploma Mathematics**, *Albert-Ludwigs-Universität*, Freiburg, .
2009 – Intermediate exams (Major: Mathematics, Minor: RC Theology)
2011 – Diploma examination (Minor: Computer Science)
2012 – Submission of diploma thesis (Title: Das Skorokhod Einbettungsproblem und Hedging von Double Barrier Optionen)
2013 – Diploma examination (Major: Mathematics)

Job Experience

2010 – now   **Software Engineer**, *Fraunhofer ISE*, Freiburg.

- Development of an automated parser for measurement data files. (Using Node, CouchDB and Angular.js)
- Evaluation of git for internal use
- Evaluation of hardware concepts
- Creation of internal python programs

Languages

German	**Native**	
English	**Professional**	*14 years*
French	**Novice**	*4 years*

Computer Skills

Programming

Javascript	**Professional**	*Node, Browser*
CoffeeScript	**Professional**	
MV* Frameworks	**Advanced**	*Backbone.js, Angular.js*
BDD, TDD	**Advanced**	*Mocha, Jasmine, Cucumber*
HTML(5)	**Advanced**	
CSS	**Advanced**	
XML	**Advanced**	
Ruby	**Advanced**	*plain and with Ruby on Rails 3*
LaTex	**Professional**	*documentation, scientific papers and books*
Python	**Novice**	
Java	**Novice**	
Objective C	**Novice**	
Standard ML	**Novice**	

Databases

CouchDB	**Advanced**
PostgreSQL	**Novice**
MySQL	**Novice**

Operating Systems

Mac OS X	**Advanced**
Windows XP, 7	**Advanced**
Unix	**Advanced**

Webserver

Apache2	**Novice**
Nginx	**Novice**

Other

Git	**Advanced**	
Photoshop	**Advanced**	*prototyping, ui design, photo manipulation*

Selected OpenSource Projects

- Testacular
- log4js-node
- chokidar
- grunt-jasmine-node
- grunt-testacular
- pegjs-coffee-plugin
- engine.io-stream

Other Activities

- Looking after my one year old son
- Going to the gym
- Boxing