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curriculum vitae

Personal Information

Day of Birth 19.07.1976
Birthplace Cologne
Nationality German

Work Experience

2015 • **QuestBack GmbH**
Senior Software Developer

field of work

- developemnt of a PHP backend
- integration of a RDF GraphStore

2013 - 2015 • **Rockethome**
Senior Software Developer / System Administrator

field of work

- developemnt of an OOP based PHP backend
- SmartHome control system
- system restructuring and optimization

since 2007 • **freelancer in web and software development**

field of work

- development and integration of database based highly interactive websites
- development of a 'Senacha Touch' based Javascript/AJAX frameworks incl. Java interface
- development of services for automated data aggregation and analysis
- development of Python based distributed services (multi processing / multi server)
- system and software administration (Linux, Apache, MySQL, Percona, file server, SVN ...)
- development of SVN based automated realese system
- developemnt of a pure Javascript based web application for a roleplaying game

2008 - 2010 • **University of Cologne**
administration of a local (department) computer network

field of work

- integration of OpenSuse-Linux in the existing AD domain

Work Experience (continued)

- development of a CD/DVD based automated update mechanism
 - support
- 2007 - 2008 • **University of Cologne**
student assistant at the library
- 2002 - 2004 • **Tele Columbus**, helpdesk, administrative and technical work for the local area computer network
- 2001 • **Bauer Computer**, development of a live-CD based fileservers incl. webinterface and CD/DVD based automatic backup
- 1998 - 2003 • **Kölner Studentenwerk** (student union cologne), administration and helpdesk at the hall of residence
- 1996 • **THEIS-Computer**, PC assembly

Education

- 2011 • **internship at Imperial College London**
Dr Fernando Bresme
properties of fluids within a temperature gradient
- 1997 - 2015 • **studies at Universität zu Köln**
diploma (M.Sc.) in theoretical chemical physics

Additional Qualifications

- Languages • German, English
- Operating Systems • FreeBSD, Linux, NetBSD, OpenBSD und DOS
• Windows (9x, 2000, XP, 7)
- Programming Languages • shell-scripting, (X)HTML/CSS, DOM/Javascript, Python, PHP, Fortran
• C/C++, Perl, Ruby, RubyOnRails, Tcl
- Software • MySQL, LaTeX, Subversion/Git/Mercurial, Apache, NginX ...
- personal software projects • **WeDewoBA**
WebfrontEnd Development without Backend Access
Python/Qt4 based web frontend development framework
(alpha status / pre release)
Project: <http://code.google.com/p/wedewoba/>
Docs: <http://wedewoba.readthedocs.org/en/latest/>
- Software Projects • **libinclude.sh**
Shell module import library
(alpha status / pre release)
<http://code.google.com/p/libinclude/>
- **ContentFlow**
HTML5/Javascript based Coverflow like gallery
<http://www.jackalope.eu/ContentFlow>
- **ReallySimpleBackup**
backup/restore script
<http://sourceforge.net/projects/rsb>
- **yPBuilder**
PHP based template system (discontinued)