

GEERD-DIETGER HOFFMANN

Personal Details:

This is the web version of my CV with my address and phone number removed. Full version can be supplied upon email request

Email	geerd.dietger.hoffmann@gmail.com
Website	www.ribalba.de
Date and location of birth	15 January 1985, Reading, Berks., United Kingdom
Nationality	German

Personal Profile:

Having lived and worked in different countries and cultures, I feel confident I can cope with all the challenges created by different living conditions and attitudes. I feel at ease with the various aspects of computing which I started to grasp from the age of nine and which I expanded through school and university. My one year at a German University followed by my four year sandwich course at Bournemouth University confirmed my enthusiasm for solving problems by computing. Furthered by my placement year at CERN (Geneva), I gained a sound basis of software development and maintenance. Besides my Open Source involvement, in various projects, I am currently interested in distributed systems and compilers.

Skills:

Initially teaching myself how to use a PC, and then during my last five years at school and my stay at university I acquired the following skills in computing among others:

Operating Systems	Linux, UNIX (MacOS, AIX, {Open,Free}BSD, Solaris), Windows(Server/Client)
Programming languages	Java, C, C++, Pascal, BASIC, MS Visual Studio, C#, ASM, Converge
Scripting languages	Perl, Python, PHP, Bash, VBS, ActionScript, Lisp, Scheme
Web tools	HTML, Flash, JavaScript, XML, AJAX
Distributed computing	Quattor, Pthreads, MPI, SOAP, RPC, REST, gLite, Oscar
Databases	MySQL, Oracle, PostgreSQL, Access
Networking	TCP/IP, UDP, VPN, I ² C, (Open)LDAP, related hardware
Other	Presentational skills, Teaching experience, Communication skills, Testing, CVS, Git, (La)TeX, VDM++, Z, UML, Documentation systems, etc.
Member of	BCS, IEEE, ACM, IET, (UK)TUG

Education :

University Education

University College London
Oct. 2009 - Sept. 2010

MSc Software Engineering

People and Security, Information Retrieval, Systems Requirements Engineering, Advanced Analysis and Design, Validation and Verification, Tools and Environments, Distributed Systems and Security, Professional Practice
Group Project One: Feature Request in Open Source Systems

Voted as course representative

Bournemouth University
Sept. 2005 - Sept. 2009

BSc (Hons) Software Engineering

See attached sheets for subjects

Thesis: Objects in the Cloud (DEK prize, 89%)

Overall mark in first 75%, second 73% (course best) and 78,9% in final year.

Selected as a Peer-Assisted learning tutor for the second year

University of Würzburg
Sept. 2004 - Aug. 2005

Diplom Informatik

Exams

Ludwig Geissler Schule Hanau Jun. 2004 \approx A Level with \emptyset 2.9 (Grade) \approx B Mathematics, Computing, English, Politics, German, Physics, History, French

Edith-Stein Staatliche Realschule Alzenau Jul. 2001 \approx Realschulabschluss GCSE Mathematics, Computing, English, German, Physics

Schools:

Ludwig Geissler Schule Hanau (Jul. 2001 - Jun. 2004), Edith-Stein Staatliche Realschule Alzenau (Sep. 1997 - Jul. 2001), Spessart Gymnasium Alzenau (Mar. 1997 - Jul. 1997), German School London (Sep. 1992 - Mar. 1997), European School Culham (Sep. 1991 - Jul. 1992), Dolphin Montessori school Hurst (Sep. 1989 - Jul. 1991)

Employment History:

To further my understanding in computing, I used parts of my summer holidays and some spare time during my initial studies at university to take up temporary employment. Furthermore, I chose to do a placement year outside university. In particular, I undertook the following work assignments:

CERN
Geneva
1. Aug 2007 - 31 Jul 2008
(Placement year)
Developing and implementing the single sign-on strategy for CERN's more than 25000 active users and deployment on server cluster. Development of tools, participating in Open Source projects, giving talks at various international conferences and attending tutorials.

Ocean Yacht Systems
Bournemouth
3. July 2006 - 31. Jul 2007
Writing a system management portal (Php, Mysql). Installation and maintenance of three Windows (Small Business and ISS), one Linux and one OpenBSD server and about 30 Personal PC's. Furthermore, gained experience in the management of a group of up to ten programmers as Project Manager.

University of Würzburg,
Rechenzentrum
1. Oct 2004 - 30. Jul. 2005
Installing, configuring and setting up a GnuGk server from scratch, building a Linux web server for e-learning systems (Moodle and Ilias) and providing a service for about 1000 regular users. Gaining experience with Apache, PHP, MySQL, C, VM Ware, SSH, VPN, networking, writing documentation, user support, etc.

IBM Entwicklung GmbH
Böblingen
26. Jul. - 30. Sept. 2004
User, system, network and security administration under Linux and AIX, customer and development support, system testing and evaluation, system programming and scripting in C, PHP and Bash, hardware development and installation (I2C, JS20 Blades, RH4).

NCAR, Boulder, USA 14. Enhancement and development of room booking system in PHP,
Jul. - 11 Aug. 2003 MySQL, CGI and Java.

Talks and publications: See attached list

Hobbies / Interests:

OpenSource development, Windsurfing, Rock-climbing, Gym, Football, Snowboarding, Diving,
Cooking, Mountain biking, Cigars, Real Ale

Referees:

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Talks:

Dec 07	CERN	“Open{Con, BSD, SSH}”
May 08	Hepix08	Emmanuel Ormancey “The problem of managing 236 million user accounts”
Nov 08	BUNIX	“The wii protocol”
Jan 08	CERN	“The problems of having 236000000 user accounts.”
Aug 08	FrosCon08	Dag Wieers “Giving presentations with your WiiMote”
May 08	LinuxTag08	“The problem of managing 236 million user accounts”
Oct 08	T-Dose08	“The wonders of the Wiimote”
Oct 08	T-Dose08	“Practical Typesetting with LaTeX”
Feb 09	Fosdem	“Large CentOS LDAP Deployments”
Mar 09	Bunix	“Cloud Computing present and future”
Apr 09	BarCamp	“CentOS Enterprise computing”
Apr 09	BarCamp	“Objic the cloud language”
Aug 09	HAR09	“The big black cloud”
Aug 09	FrosCon09	“The cloud and how to program it”
Oct 09	T-Dose09	“How to tell the cloud what to do”
Nov 09	Blit	“DBook”

Publications:

Hoffmann Geerd-Dietger, Emmanuel Ormancey “*The problem of managing 236 million user ac-
counts*”, Helpix08, May 2008

Hoffmann Geerd-Dietger, Peter Knaggs “*Introduction to Unix*”, Bournemouth University, Jun
2007

Hoffmann Geerd-Dietger “*Programming the cloud*”, IEEE, Sep 2009

Hoffmann Geerd-Dietger, Alexandros Ntouias “*Open Source Feature Request Management*”, TBA