Curriculum Vitae

Personal data

Dr. Martin Felix Krafft
born on 14 February 1979 in Munich, Germany
committed

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Professional work

Dec 2002 – present	**Advisory board member** Medium-sized, international business (1,800 employees, 450 Mio. € turnover) Industry: construction chemicals, special chemicals
Aug 2002 – present	**self-employed** Communications facilitator and mediator in business environments Security consultant in SME environments Linux course instructor
Aug 2001 – present	**AERAsec GmbH, Hohenbrunn, Germany** Course instructor and network security consultant (freelance)

Education

Oct 2005 – Jun 2010	**Lero — The Irish Software Engineering Research Centre** CSIS, University of Limerick, Ireland Ph.D. in computer science and sociology http://phd.martin-krafft.net/
Sep 2002 – Oct 2005	**Artificial Intelligence Lab, University of Zurich, Switzerland** Teaching and research assistant in artificial intelligence and robotics Completed additional course work to meet Ph.D. requirements
Aug 1997 – Jun 2001	**Swarthmore College, Philadelphia, PA, USA** High Honors Bachelor of Arts (computer science / psychology)
Oct 1992 – Jun 1997	**Munich International School, Percha/Starnberg, Germany** British A-Level: German, Mathematics, Physics, Chemistry Finished third of the class
Sep 1989 – Oct 1992	**Otto-von-Taube Gymnasium Gauting, Germany**
Sep 1985 – Jul 1989	**Grundschule Gauting, Germany**

Internships

Aug 1999 – Dec 1999	**Artificial Intelligence Lab, University of Zurich, Switzerland** Intern in artificial intelligence Research assistant in cognitive robotics
Aug 1999 – Dec 1999	**Neuronics AG, Zurich, Switzerland** Intern in software development and customer care/support
May 1999 – Jul 1999	**Intact GmbH, Class Group, Starnberg, Germany** Intern in system administration and customer care/support
May 1999 – Jun 1999	**Class GmbH, Class Group, Starnberg, Germany** Intern in software development and system administration
May 1998 – Jul 1998	**Class GmbH, Class Group, Starnberg, Germany** Intern in software development

Student work

Sep 2000 – May 2001	**Swarthmore College, Philadelphia, PA, USA** Teaching assistant in computer science
Sep 1998 – May 2001	**Swarthmore College, Philadelphia, PA, USA** User support hard-/software for students and staff
Nov 1997 – Mar 2000	**Experts Exchange, LLC, Paso Robles, CA, USA** Online user support hard-/software
Juls 1997, 1996, 1995	**Andreae-Noris-Zahn AG, Munich, Germany** Temporary personell in storage and logistics of pharmaceutical trading
Aug 1994 – Jun 1997	**Munich International School, Percha/Starnberg, Germany** Temporary personell in user support software

Computer skills

Operating systems	Debian; GNU/Linux; FAI; NetBSD; Solaris; Mac OS X; MS Windows (NT 4.0 (MCSE), 2k, XP); Mac OS (7.0 – 9.x)
Administration	Nagios/Icinga; munin; Puppet; BackupPC; nsd3; unbound; postfix; Apache2; Zope/Plone; PostgreSQL; Mailman; squid; OpenLDAP Linux QoS; iproute2; netfilter; tcpdump; Cisco IOS; VPN-1; Firewall-1
Programming	C++/Boost; Python; C; sh/awk; *Ruby*; SQL; XML/XHTML; CSS; VHDL; Perl; doxygen; gdb; Git; bzr; SVN; CVS; Design patterns; Policy- and test-driven design; Agile development
Protocols / concepts	Diffie-Hellman; RSA; AES; Serpent; ElGamal; DSA; Blowfish; IKE; TCP/IP; IPv6; IPsec/VPN; PPP; PPPoE; 802.X; WPA; ATM; FDDI; Serial interfaces; Protocol design; Multithreading
Applications	vim; LaTeX; OpenOffice.org; Gimp; dia; Maple; MatLab; Opnet
Robots	Khepera; Pioneer; Magellan; SuperScout

Publications

Jan 2010	**A Delphi study of the influences on innovation adoption and process evolution in a large open-source project — the case of Debian** Ph.D. dissertation (available on request) CSIS, University of Limerick, Ireland
Jun 2005 – present	**Personal web diary ("blog")** http://blog.madduck.net/
Jun 2005	**The Debian System—Concepts and Techniques** ISBN 3-937514-07-4, 608 pages, hardcover Open Source Press, Munich, Germany http://debiansystem.info/ translated to 4 languages (de, fr, jp, cn)
Jun 2001	**A Neural Optimal Controller Architecture for Wayfinding Behavior** Honors thesis (unpublished, available on request) Swarthmore College, Philadelphia, PA, USA
Oct 1999	**Identification and Categorization of Components in Composite Logic Gates Using Hierarchical Neural Networks** "Brown Bag" technical report Artificial Intelligence Lab, University of Zurich, Switzerland

Social and personal skills

Competent in providing guidance and leadership to others

Good grasp of business economics with experience in accounting, valuation, and finance.

Effective organisational and interpersonal skills

Firm speaking abilities

Strong didactics, especially when related to computer concepts

Undergraduate level mathematics, calculus, linear algebra,
physics, chemistry, and organic chemistry

Further experience

Jun 2007 – Aug 2008	**DebConf** Press officer
Nov 2006 – present	**debian.ch** Founder, president until Apr 2008, then treasurer
Mar 2005 – Dec 2008	**Plone Foundation, Houston, TX, USA** Developer of the Plone content management system
Mar 2005 – Dec 2008	**Zope Corporation, Fredericksburg, VA, USA** Developer of the Zope application server
Oct 2002 – Oct 2005	**VBC Embrach, Switzerland** Member of the men's volleyball team
Apr 2001 – present	**The Debian project** Active developer of the Debian GNU/Linux operating system Focus on qualilty assurance, security, PR, and workflow issues
Aug 2000 – Jun 2001	**Swarthmore College, Philadelphia, PA, USA**

	Residential advisor
Aug 1997 – Dec 2000	**Swarthmore College, Philadelphia, PA, USA** Secretary, PR manager, and member of the men's volleyball team
Sep 1996 – Aug 1998	**TSV Pentenried, Germany** Team captain of the adolescents' tennis team
Sep 1995 – Jun 1997	**Munich International School, Percha/Starnberg, Germany** Student supervisor
Sep 1995 – Jun 1997	**Munich International School, Percha/Starnberg, Germany** Team captain of the men's varsity volleyball team
Sep 1995 – Jan 1997	**Munich International School, Percha/Starnberg, Germany** Member of the speech and debate team
Sep 1994 – Jun 1997	**Munich International School, Percha/Starnberg, Germany** Co-editor of the yearbook
Leisure time	Research (information management, system administration, security); Programming; Music (passive and active; percussion and guitar, some clarinet); Sailing; Volleyball; Squash; Alpine sports

Zürich, 12 October 2010

Martin F. Krafft