

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

Education

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|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oct 2005 – Jun 2010 | <p>Lero – The Irish Software Engineering Research Centre
CSIS, University of Limerick, Ireland
Ph.D. in computer science and sociology
http://phd.martin-krafft.net/</p> |
| Sep 2002 – Oct 2005 | <p>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</p> |
| Aug 1997 – Jun 2001 | <p>Swarthmore College, Philadelphia, PA, USA
High Honors Bachelor of Arts (computer science / psychology)</p> |
| Oct 1992 – Jun 1997 | <p>Munich International School, Percha/Starnberg, Germany
British A-Level: German, Mathematics, Physics, Chemistry
Finished third of the class</p> |
| Sep 1989 – Oct 1992 | <p>Otto-von-Taube Gymnasium Gauting, Germany</p> |
| Sep 1985 – Jul 1989 | <p>Grundschule Gauting, Germany</p> |

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; <i>Ruby</i> ; SQL; XML/XHTML; CSS; VHDL; Perl; doxygen; gdb; Git; bzip; 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
- Fundamental 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 quality 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