RESUME

PERSONAL INFORMATION

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                    http://gedankenkonstrukt.de/ (German)

INTEREST

I am seeking for a challenging, permanent position as a software engineer, preferably as a web application developer.

Practicing web development for more than eight years, I was able to gain substantial knowledge in related programming languages and technologies. Using Perl and Python I have developed several web applications. In 2006 I released the Perl based open source web framework "Konstrukt", which led to various lectures I held at university and the local Perl user group. As part of my work at the Library of the University of Cologne I also talked about Web Standards and Web 2.0. For my diploma thesis, I developed a data integration framework using Java, XML-Technologies and open source libraries.

I seek to contribute my skills to a team of people who are as passionate about web application development as I am.

UNIVERSITY

October 2002 - September 2007

Study of "Wirtschaftsinformatik" (Information Systems), University of Cologne

Graduation after 10 semesters ("Diplom"/Master);
Grade: 1.6 – Equals GPA 3.4/B+/Above average

Diploma thesis: "Integration heterogener Inhalte in individualisierbaren Informationsdiensten" (Content Integration in Individualizable Information Services); Development of a data integration framework to provide a unified access to heterogeneous sources like news articles or stock quotes through a simple query interface; Part of a research project on individualizable websites and news papers; Implemented using Java and XML-Technologies;
Grade: 1.0 – Equals GPA 4.0/A/Excellent

Major in Information Systems: Development of Information Systems;
Grade: 1.0 – Equals GPA 4.0/A/Excellent

Majors in Computer Science: Computer Graphics, Operation Systems;
Grade: 1.0 – Equals GPA 4.0/A/Excellent

Major in Business Studies: Corporate Finance;
Grade: 2.3 – Equals GPA 2.7/B-/Above Average

PROFESSIONAL EXPERIENCE

Since July 2006

Student assistant, IT department of the Library of the University of Cologne

Work areas: Technical maintenance of a Zope based Web-CMS; Redesign of the website with regards to web accessibility; Software development in Perl and Python; Gave lectures about Web Standards and Web 2.0

Reference: Monika Wierick-Brodde, +49 221 4706861, wierick@ub.uni-koeln.de

2000 - 2005

Security service, HCGrund Security

Additionally, development of an invoice and customer management software for HCGrund Security (in Visual Basic)

1999 - 2005	Freelancer in web application development (Perl/mod_perl/Apache/MySQL), web design, and game development.
	References: http://www.zentrifuge.biz/refer.html (German)
April 1997 - May 1997	Internship, John Andrews Development Center of the Ford Motor Company plant, Cologne

TECHNICAL SKILLS

Legend: A: Advanced, I: Intermediate, B: Basic

Programming languages:
- Perl: A
- Java: I to A
- Python: I to A
- JavaScript: I
- Visual Basic: B
- C++: B

Markup and formatting languages:
- (X)HTML: A
- CSS: A
- XML/XSLT/XPath: I to A
- (La)TeX: I

Databases:
- SQL language: A
- MySQL: I to A
- SQLite: I
- XQuery language: I
- eXist: I
- Oracle: B

Operating Systems:
- Microsoft Windows (95-XP): A
- Linux (Debian, Ubuntu): A

COMMUNITY ACTIVITIES, AWARDS

December 2006	1st price in the GnuPG logo contest
October 2006	Released the Perl based web development framework "Konstrukt" under an Open Source license; Gave lectures about this framework at the University of Cologne and at Cologne Perl Mongers meetings
	http://search.cpan.org/search?query=konstrukt
Since 2004	Member in the "Tierschutzverein Velbert-Heiligenhaus e.V." (society for the prevention of cruelty to animals)
	Honorary development of the website http://notfallhunde.de/ (German, dogs in an emergency)
1998	2nd price in a regional school homepage contest sponsored by Kölnische Rundschau, NetCologne and Sparkasse KölnBonn

LANGUAGES

German	Native
English	Fluent
	Business English course in the summer semester 2007; Test result: C1- (Effective Operational Proficiency) according to the Common European Framework of Reference for Languages (CEF)

HOBBIES, INTERESTS

Interest in fine arts, oil painting and graphics design

Strong interest in web technologies; Currently developing the "social checklisting" service chekk.org (login: chekk/alpha) as an educational hobby project using Python, TurboGears, SQLAlchemy, jQuery