DIPL.-INFORM. MARC MÜLTIN   **PH.D. STUDENT**

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Born:	Munich, January 27, 1981
Nationality:	German

Curriculum Vitae

EDUCATION AT KARLSRUHE INSTITUTE OF TECHNOLOGY

Study of Computer Science

10/02 - 02/09

➥ **Diplom, Grade 2.1**

➥ **Diploma Thesis at SAP Research (CEC Karlsruhe):** Semantic Service Discovery using Natural Language Queries (Research in the areas of Semantic Web, ontologies, service discovery, processing of natural language queries)

➥ **Main courses:** System architecture, Software engineering, Computer engineering, Telecommunication and database systems, Real-time systems
➥ **Specialisation 1:** Information systems (Database Systems, Data-Warehousing & Data-Mining)
➥ **Specialisation 2:** Telematics (Network Security, Mobile Communications, Network- and IT-Security-Management, Internet Protocols)
➥ **Supplementary courses in:** Entrepreneurship

➥ **Student Research Project:** Implementation of an open-source anti-spam plug-in for Microsoft Outlook using Sender Address Verification
➥ **Seminar course:** Fundamentals and practical application of cryptography (DES, AES, Diffie-Hellman, RSA and PGP)
➥ **Seminar course:** RFID-chips and biometry in passports as a problem regarding data protection rights
➥ **Advanced Lab:** Database applications (SQL92, Oracle and relational databases and complex XML-queries)

FURTHER EDUCATION

Military service

09/01 – 06/02   **Completed basic training, served in the computer department afterwards**

Secondary School (Geschwister-Scholl-Gymnasium Ludwigshafen/Rhine)

09/91 – 06/01   **Abitur, Grade 1.8**

Fabius-Pompey High-School, Upstate New York

08/97 – 06/98   **Attended 12th grade as an exchange student, lived with a host family and got to know the American culture**

PROFESSIONAL EXPERIENCE

Ph.D. student Karlsruhe Institute of Technology (KIT)

since 05/09
Department: Institute of Applied Informatics and Formal Description Methods (AIFB)
➦ Research and teachings in the area of efficient energy systems and e-mobility
➦ Research project "MEREGIOmobil" (https://www.meregio-mobil.de)

Internship and Working Student at SAP AG

11/07 – 05/08
Department: AP Engineering Architecture
➦ Conceptually designed, developed, documented and maintained a Web-based application (using PHP, AJAX, JavaScript, HTML and CSS) for the management of projects concerning verification of technology- and architecture-features
➦ Integrated the software in existing applications, tested it and trained end users

Education Support Centre Germany

10/05 – 09/07
Student assistant
➦ Provided technical support (hotline and email) for Microsoft's desktop-, office and server products;

Dölker IT-Systems

09/98 – 12/05
Freelancer
➦ Assembled and configured computers
➦ Gained experience in the service domain, programmed databases and developed websites

SOFTWARE SKILLS

Programming

➦ Visual Basic for Applications (in Access) and VB.NET (advanced)
➦ Java (advanced)
➦ HTML, XML, PHP, JavaScript, AJAX (advanced)

Operating Systems and Software

➦ Windows XP/Vista/Server 2003/7, Ubuntu Linux, Mac OSX
➦ Eclipse, Visual Studio, Latex, MS Office

LANGUAGE ABILITIES

➦ **English (fluent)**
➦ French (basic)
➦ Spanish (basic)

PERSONAL INTERESTS

➦ Travelling (backpacking tours), Sports, Literature, Poker, Photography

Karlsruhe, September 29, 2009
Marc Mültin