

Björn Wilmsmann, M.A.

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Date of birth: 23 March 1979
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Skills

- Proficient in use of Java, Groovy, Grails, JSP, JSF, Hibernate, Python, Ruby, Ruby on Rails, Perl, PHP, JavaScript, AJAX, XML, SVN, Eclipse, Web Services, SOAP, CORBA, MySQL, PostgreSQL
- Specialised in natural language processing, information retrieval and text mining
- Operating systems: MacOS X, Linux, Unix, Windows

Languages

- English (business fluent), German (native), French, Dutch, Spanish, Italian, Latin

EDUCATION

2006 – 2008

Ruhr University, Bochum, Germany

Studies in Computational Linguistics

Master of Arts degree in May 2008 with an overall grade of 1.6

(1 = best grade, 6 = worst grade)

Master thesis on text mining

Modules included:

Mathematics for Computer Science, Data Structures, Data Mining, Software Engineering, Speech Signal Processing, Automatic Text Summarization

2003 – 2006

Ruhr University, Bochum, Germany

Studies in Computational Linguistics and English

Bachelor of Arts degree in March 2006 with an overall grade of 1.2

(1 = best grade, 6 = worst grade)

Bachelor thesis on POS tagging algorithms

Modules included:

- Programming in Computational Linguistics
- Statistical Algorithms in Computational Linguistics
- POS Tagging
- Systemic-functional Grammar
- Business English, Legal English
- Spanish, Dutch
- Speech Training

1999 – 2001

University of Dortmund, Dortmund, Germany

Studies in Computer Science

Modules included:

- Basics of Electrical Engineering
- Practical training in Electrical Engineering
- Object-oriented programming

1989 – 1998

Josef-Albers-Gymnasium, Bottrop, Germany

A-levels (including English, History, Maths and French)

WORK EXPERIENCE

2008 – present

MetaSieve, Bochum, Germany

Self-employed software developer and service provider

MetaSieve offers several web applications as well as software development service and expertise regarding search engine and text mining technology.

Achievements:

- release of several highly successful web applications ranging from enterprise search to a media search engine for end users

2007 – 2008

Ruhr University, Bochum, Germany

Research associate at the Department of Linguistics

Responsibilities:

- teaching and developing natural language processing software

2006 – 2007

Ruhr University, Bochum, Germany

Graduate assistant at the Mechanical Engineering Department

Responsibilities:

- modelling and development of ontology-based software for product development

2006

Ruhr University, Bochum, Germany

Tutor at the Department of Linguistics

Responsibilities:

- holding supplementary lectures
- preparing students for term papers

2005 – 2006

webeffekt AG, Dinslaken, Germany

Freelance software developer

webeffekt AG is a search engine optimisation and solution provider.

Responsibilities:

- development of a term profiling software for use by interpreters based on the Google API
- finding video files on the web for an online video catalogue using a customised crawler as supporting tool

Achievements:

- the term profiling software helped increase productivity of interpreters
- the online video resources traced by me helped the company build their newly started video content search engine

2005

Studio-Solution.com Ltd., New Romney, UK

Software developer

Studio-Solution.com Ltd. is solution provider for online booking agencies.

Responsibilities:

- development of groupware system
- development of affiliate system
- implementing encryption algorithms for booking database
- supervising other team members
- establishing a security policy
- locating and eliminating potential security holes
- administration of Windows and Linux servers

Achievements:

- by furthering the development of a groupware system I helped increase productivity amongst the other team members
- developing a new affiliate system allowed us to acquire new customers more quickly and efficiently
- by establishing a security policy I assisted the company in averting a possible danger to system integrity

2005

Krohne AG, Duisburg, Germany

Software developer

Krohne AG is a process instrumentation and measurement solution provider.

Responsibilities:

- development of an interface for administration of process and engine manuals
- development of an interpolation software for calibration of measuring instruments
- development of a web interface for customer data based on webservices for data exchange
- development of interface for entering calibration results
- creating a website in French using the CMS Typo3

Achievements:

- with the software mentioned above I helped increase productivity of various production processes

2000 – 2003

gamigo AG, Rheine, Germany

Software developer

gamigo AG is Germany's leading online gaming magazine publisher and online gaming provider.

Responsibilities:

- project manager for a team of two software developers
- development of transaction server for online payment
- development of enterprise resource planning software for shop system
- development of content management system
- supervising ad server systems
- development of various other applications, especially web applications
- designing software and database structures
- development and maintenance of server-side software
- web, database and game server administration

Achievements:

- using the transaction server developed by my team greatly simplified payment processes for the various services provided by the company and thereby helped in acquiring new customers
- the ERP helped cut costs in our online shopping division
- the CMS simplified and accelerated the processing of creating and maintaining articles for our editors

1999 – 2000

GameCosmos.com, Oberhausen, Germany

Self-employed online magazine publisher

GameCosmos.com was a highly successful online gaming magazine for a German speaking audience that was acquired by gamigo AG in late 2000.

Achievements:

- developing and running an online gaming magazine / hosting platform with 6 million page impressions per month

1998 – 1999

JUH Rhein-Ruhr, Oberhausen, Germany

Civilian service as paramedic

JUH is a non-profit social services organisation.

Responsibilities:

- ambulance driver and paramedic

1997 – 1999

PWX Webhosting Bottrop, Germany

Self-employed webhosting provider

PWX Webhosting was a webhosting solution provider for SMEs.

Achievements:

- first go as entrepreneur in the web hosting / web design business