Name	Michael Ackermann
Date of Birth	11 November 1981
Nationality	Deutsch
Studies	Telecommunications and Computer Science
WebSite	www.padwalker.eu
Social	github.com/agg1

Skill Profile

Software Development	Application development with the Spring framework, Liferay enterprise portal technology, various persistence frameworks and templating systems, ANSI SQL Search Engine Technology and Natural Language Processing
Continuous Integration and Release Management	Design and implementation of SCM solutions with Jenkins Repository administration and maintenance of Subversion, GIT, Perforce, Merant PVCS systems Build system implementations with CMake and related macro languages
Software Project Management	Recent technical lead of three small software development teams of trainees Practical implementation of software engineering best practices Support with the introduction of an agile ticket and review based software development process
Network and System Administration	Administration of Linux and Unix-like systems, database systems, Apache web and Tomcat servers, BSD PF and IPtables firewalls, VPN gateways and proxies, Qmail mail servers, scripting with Perl, Shell script and Python

Career

September 2016 - January 2017	System call tracing and profiling Crypto-Related patches Gentoo Hardened LiveCD Project WebSite
May 2015 - September 2016	**Development of Search Engine Technology for automated Document Retrieval and Categorization** Specification and full re-implementation of an expert system for automated document categorization, text analysis, classification Design and implementation of scalable multi-threaded text analysis algorithms Design and implementation of the system architecture with the Spring-Framework and a NoSQL data store in a cluster environment Design and implementation of a JSON/REST web service, test, documentation, release management, software deployment, cluster administration Production tests with pharmacovigilance data, BAfS data, GEO location service
January 2015 - March 2015	**Theoretical Physics** Disproof of Albert Einsteins special relativity theory, alternative model for the general relativity theory, disproof of the standard cosmology model and critical review of the standard particle physics model Thoughts on electromagnetism concerning the "Grand Unified Theory" and nuclear technology
October 2014 – November 2014	**Continuous Integration Consultant for Apris GmbH** Review of the current release management and software development processes concerning software engineering best practices and quality Design and implementation of a continuous integration landscape, release planning and coordination of the external software developers in eastern Europe Handover of a Jenkins system for fully automated build and test system deployment Concept for the reimplementation of distributed system RPC mechanisms to improve application stability and performance and to integrate public health care IT services such as billing and validation of patient record compliance Concept to modularize the software according to common software architecture

	practices with a Java enterprise framework
Januar 2014 – June 2014	Development with OpenSource Software in Nuremberg Please refer to the projects references for details
October 2013 – November 2013	**Continuous Integration Consultant for Technisat Digital GmbH - Automotive Infotainment in Dresden** Optimization of the software integration process and concept to reduce the efforts of daily integration process Planning of the infrastructure, Introduction of ticket-based work in the software integration team
Mai 2011 – September 2013	**Abidat GmbH in Nuremberg** Development of an enterprise email marketing software Development of an enterprise collaboration software Linux server administration
April 2012 – July 2013	**Continuous Integration Consultant for e.Solutions GmbH – Automotive Infotainment in Erlangen** Design and implementation of the continuous integration landscape Test automation Web application development System administration
September 2012 – December 2012	**Continous Integration consultant for Hager Group SE – Facility Automation in Karlsruhe** Design and implementation of the continuous integration landscape with Jenkins Test automation Source Code Management system maintenance, branching and migration concept
April 2010 – April 2011	**Internetagentur Schott GmbH - Satellite Internet Service Provider in Bamberg** Development of the SatspeedDSLAM dynamic satellite traffic shaping system Web application development of the Account Management System including business process automation Server Administration of mail, web, voip and proxy servers
April 2009	**Institut für Talentenwicklung GmbH – Trade Fair Planning Software Development in Leipzig** .Net application development
July 2008 – December 2009	**Pflegedienst Smerling GmbH – Geriatric Health Care Administration Software in Leipzig** Assistance with the introduction of a complex accounting software based on VisualFox Pro
August 2009 – March 2010	**Hardened Linux Distribution Development in Leipzig** Development of a hardened GNU Linux distribution
May 2009	**TCP DNS Random Resolver Daemon in Leipzig** Concept and implementation of a reasonable way to evade "DNS filters"
September 2008 – December 2008	**Microsoft Technology Specialist Certifications in Leipzig** SQLServer 2005 administration Web development with C#/.Net and ASP/.Net Business intelligence with Microsoft SQLServer 2005
February 2008 – April 2008	**Alfavision GmbH – Industrial Image Processing in Passau** Software development with C and C++
April 2007 – June 2007	**ICAM Systems GmbH Insurance Control and Management Systems in Leipzig** Web services development
2006 – 2007	**Side Jobs in Leipzig and Berlin** Event security services, car recycling
2002 – 2005	**Student Projects in Leipzig** Implementation of the "Berlin Clock" Implementation of Neuronal Network algorithms

Documentation of the campus network
Implementation of the Jacobi numerical algorithm

April 2004 – August 2004	**Traineeship at T-Mobile Austria Core Network Operations and Service Development in Vienna** Documentation of mobile call signaling protocols WAP-Proxy network traffic prognosis calculation Documentation of the equipment of mobile switching centers
July 2001	**Traineeship at MTG Telekommunikationstechnik GmbH in Leipzig** Insight into fire detection, video observation systems and telephone facility installation
July 2000	**Traineeship at BeMaTec GmbH in Leipzig** Insight into concrete machine installations
December 1997	**Traineeship at STS Spectrum Text -und Datensysteme GmbH in Leipzig** PC hardware and software installation Insight into stock-keeping

Education

October 2006 – February 2007	**HTWK Leipzig** Studies of computer science
September 2001 – February 2005	**Deutsche Telekom AG Universtity of Applied Sciences Leipzig** Studies of telecommunications and computer science Telecommunications and computer science expert degree grade A
September 1993 – July 2000	**F.-A.-Brockhaus Grammar School Leipzig** Specialization courses mathematics and physics A-Level diploma grade B

Languages

English	Excellent
German	Native speaker
Russian	Basic knowledge

College Activities

2005	Tandem with exchange student
2002 – 2004	Physics tutorial for first year students
2003	Presentations of the university to potential grammar school graduates at the Brockhaus Grammar School

Civic Duty

August 200 – June 2001	Dish washing and janitor at the Infant Recreation Center Sylt Geriatric care at the German Red Cross Geriatric Hospital Leipzig

Hobbys

Cycling, science fiction