

# Alexander Müller

M.Sc. Candidate Business Informatics

## about

born 10th January 1989  
Gütersloh Germany

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68167 Mannheim  
Germany

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## languages

native German  
fluent English  
intermediate Spanish

## programming

Java, Scala  
(EE, Play, Java 8)  
JavaScript  
(Node.js, Angular.js)  
SQL  
(MySQL, SAP HANA)  
NoSQL  
(MongoDB, Redis)

## data analysis

Rapidminer  
Basic R  
Spark  
Weka  
Stanford Core NLP  
HANA Predictive Analysis  
Library

## Interests and Hobbies

data mining, web mining, natural language processing, ontology matching, linked open data, noSql databases, web development, functional programming, start-ups  
tennis, running, soccer, politics, European history, movies

## Education

since 2012	<b>M.Sc. Candidate in Business Informatics</b> <i>Specialization in Data and Web science</i> <i>Current Grade Point Average of 1.1</i>	University of Mannheim
2013	<b>Exchange Semester in Mexico</b> <i>Language studies</i>	ITESM Guadalajara
2009–2012	<b>B.Sc Business Information Technology</b> <i>Specialization in Software Engineering</i> <i>Grade Point Average of 1.5</i>	DHBW Mannheim in cooperation with SAP SE
until 2008	<b>University Entrance Qualification (Abitur)</b> <i>Specialization in History and Physics</i> <i>Grade Point Average of 1.4</i>	priv. Gymnasium Marienschule Lippstadt

## Experience

09-10 2014	<b>Burda Bootcamp, München, Germany</b> <i>Participant in a rapid prototyping lab (burdabootcamp.de)</i>	Internship
02-08 2014	<b>SAP SE, Walldorf, Germany</b> <i>Development of a predictive maintenance model engine based on SAP HANA</i>	Working Student
01-07 2013	<b>University of Mannheim, Chair of PI 1, Germany</b> <i>Implementation of a SQL-plan parallelizer for XDB</i>	Student Research Assistant
2009 - 2012	<b>SAP SE, Walldorf &amp; Darmstadt, Germany; Montreal, Canada</b> <i>Working in different departments during my studies: (CRM, ByDesign, SAP Research), including an 3-month internship in Montreal, Canada</i>	Internship

## Theses, Publications and Patents

2015	<b>Masterthesis</b> <i>Working title: An unsupervised Ontology Matching system using Outlier Analysis</i>	University of Mannheim
2013	<b>Publication</b> <i>Binnig, Carsten; Salama, Abdallah; Mueller, Alexander C.</i> <i>XDB: a novel database architecture for data analytics as a service</i>	University of Mannheim
2012	<b>Patent</b> <i>Doehring, Markus; Drittler, Bernhard; Kieselbach, Oliver; Mueller, Alexander Christian; Zimmermann, Birgit</i> <i>US20140058789 A1: Process model generation and weak-spot analysis from plain event logs</i>	SAP SE
2012	<b>Bachelorthesis</b> <i>Design &amp; Implementation of a Process Mining Application for the Analysis of Weakspots in Business Processes based on In-Memory Database Technology (Konzeption einer Process Mining Anwendung zur Analyse von Schwachstellen in Geschäftsprozessen auf Basis einer Hauptspeicherdatenbank)</i>	DHBW Mannheim

