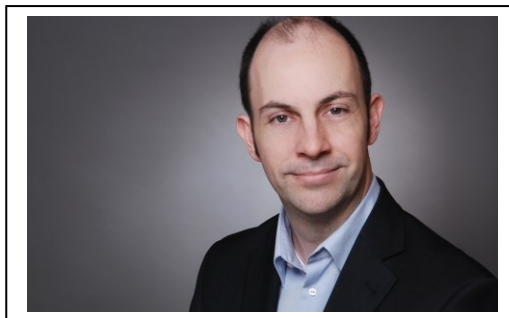


# Curriculum Vitae

**André Landwehr**



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## Personal information

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Date of birth:	November 6, 1976
Place of birth:	Gütersloh, Germany
Citizenship:	German
Sex:	male
Marital status:	married, 1 child

## Employment history

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|-------------------|--|
| 10.2013 – today   | <b>Team Leader Banknote-Recycler Development<br/>adp Gauselmann GmbH, Lübbecke</b> <ul style="list-style-type: none"><li>▪ Leading an interdisciplinary team of 9 engineers (2x mechanical construction, 4x software, 3x test)</li><li>▪ Product stewardship for current products and new developments</li><li>▪ Requirements engineering, product definition and conception</li><li>▪ Project management for future banknote recyclers</li><li>▪ Software conception and architecture, target OS setup (embedded Linux, ARM based)</li><li>▪ Software development and maintenance for microcontroller based systems (Atmel)</li></ul>   |
| 01.2011 – 09.2013 | <b>Manager for Software in Concepts Engineering<br/>Loewe Opta GmbH, Hanover</b> <ul style="list-style-type: none"><li>▪ Interface between marketing, product management and software development<ul style="list-style-type: none"><li>○ Requirements engineering</li><li>○ Specification of system states and application flow</li></ul></li><li>▪ Preparation of make-or-buy decisions</li><li>▪ Negotiations with international suppliers of SoC's and software components</li><li>▪ Leader of the interdisciplinary Loewe System Group:<ul style="list-style-type: none"><li>○ specification of device interoperability for Loewe products</li><li>○ recommendations for new products and features in the Loewe portfolio</li></ul></li><li>▪ Expert for software concepts<ul style="list-style-type: none"><li>○ Technical consultancy and evaluation of pilot projects in new business areas</li><li>○ Generation and evaluation of technical innovations</li></ul></li><li>▪ Participation in national and international standardization effort regarding software based CA/DRM</li><li>▪ Support for B2B customer regarding UPnP and DLNA certification<ul style="list-style-type: none"><li>○ Technical expertise</li><li>○ Leader of sub-project</li></ul></li><li>▪ Software development (C, C++)</li></ul> |

02.2006 – 12.2010	<b>Software Developer</b> <b>Loewe Opta GmbH, Hanover</b> <ul style="list-style-type: none"> <li>▪ Technical leadership porting Loewe DVB stack to Linux</li> <li>▪ Technical evaluation of projects and software of sub-contractors in the US and Germany</li> <li>▪ Development and maintenance of various software components (infrastructure as well as feature-functionality) for TV sets <ul style="list-style-type: none"> <li>○ Languages: C and C++, complemented by scripts in Perl, Ruby, GNU make, bash</li> <li>○ Platforms: SH4 (OS21, Linux), MIPS (Mictos, Linux)</li> </ul> </li> <li>▪ Debugging of TV firmware, including libraries, drivers and Linux kernel</li> </ul>
01.2004 – 02.2006	<b>Junior Software Developer</b> <b>Wincor Nixdorf International GmbH, Paderborn</b> <ul style="list-style-type: none"> <li>▪ Development and maintenance of driver software as well as various tools Languages: Java and C, Operating system: Windows</li> <li>▪ Porting of the complete driver stack of an ATM from Windows to Linux</li> <li>▪ Conception and implementation of an RPC mechanism that allowed distributing drivers over multiple processes and simplified debugging</li> </ul>
03.2003 – 01.2004	<b>Practical Semester</b> <b>Loewe Opta GmbH, Hanover</b> <ul style="list-style-type: none"> <li>▪ Configuration of Linux system on embedded platform for music server</li> <li>▪ Development and maintenance of several software modules</li> </ul>
2000 – 2003	<b>Software Developer in R&amp;D</b> <b>Bertelsmann mediaSystems, Gütersloh</b> Side job in years of study. Participation in several projects promoted by the EU: <ul style="list-style-type: none"> <li>▪ Java based plugin for an in-car information database that popped up information for points of interest based on location</li> <li>▪ Web based tool for administration of an EU project, realized with Perl</li> <li>▪ Modifications in a web portal for music and video playback with QoS functionality, realized with Java Server Pages</li> </ul>

## Education

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09.2001 – 02.2004	<b>University of Applied Sciences, Hanover</b> <b>Angewandte Informatik</b> <ul style="list-style-type: none"> <li>▪ Topic of diploma thesis: “Integration of Universal Plug and Play technology into Loewe home entertainment devices“</li> <li>▪ Degree: Dipl. Inf. (FH), “sehr gut”, among the best three of that year</li> </ul>
02.2000 – 08.2001	<b>University of Applied Sciences, Furtwangen</b> <b>Computer Networking</b> Degree: Prediploma
1997 – 2000	<b>Apprenticeship „Fachinformatiker Anwendungsentwicklung“</b> <b>(IT specialist with focus application development)</b> <b>Bertelsmann AG, Gütersloh</b> <ul style="list-style-type: none"> <li>▪ IT support for Windows NT workstations and MS Office</li> <li>▪ Web development with Perl, PHP, MS Active Server Pages on Windows, Linux and Solaris operating systems</li> <li>▪ One of the best final exams of that year</li> </ul>
1987 – 1996	<b>Ev.-Stift.-Gymnasium Gütersloh</b> „Abitur“ certificate (higher education entrance certification), grade 2,1

## Other activities

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1998 – today	<b>Linux Usergroup Ostwestfalen-Lippe</b> Founding member and participation in server administration
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08.2012 – today	<b>Cardlove.de</b> Technical assistance, administration and web development
1999, 2004	<b>IKB Bielefeld, VHS Ravensberg</b> Coach for Linux and C programming classes at community colleges

Minden, September 2017