

Curriculum Vitae

André Landwehr



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Personal information

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

Employment history

- | | |
|-------------------|--|
| 06.2019 – today | Head of Electronics Development
Martin Lehmann GmbH & Co.KG <ul style="list-style-type: none">▪ Leading an interdisciplinary team of 6 engineers (2x hardware, 4x firmware/software)▪ Product stewardship for current products and new developments▪ Requirements engineering, product definition and conception▪ Project management for electronic locks and related products▪ Software conception and architecture▪ Software development and maintenance for STM32 microcontroller based products (C) and associated management software (Windows, C#) |
| 10.2013 – 05.2019 | Team Leader Banknote-Recycler Development
adp Gauselmann GmbH, Lübbecke <ul style="list-style-type: none">▪ Leading an interdisciplinary team of 9 engineers (2x mechanical construction, 4x software, 3x test)▪ Product stewardship for current products and new developments▪ Requirements engineering, product definition and conception▪ Project management for future banknote recyclers▪ Software conception and architecture, target OS setup (embedded Linux, ARM based)▪ Software development and maintenance for microcontroller based systems (Atmel) |
| 01.2011 – 09.2013 | Manager for Software in Concepts Engineering
Loewe Opta GmbH, Hanover <ul style="list-style-type: none">▪ Interface between marketing, product management and software development<ul style="list-style-type: none">○ Requirements engineering○ Specification of system states and application flow▪ Preparation of make-or-buy decisions▪ Negotiations with international suppliers of SoC's and software components |

- Leader of the interdisciplinary Loewe System Group:
 - specification of device interoperability for Loewe products
 - recommendations for new products and features in the Loewe portfolio
- Expert for software concepts
 - Technical consultancy and evaluation of pilot projects in new business areas
 - Generation and evaluation of technical innovations
- Participation in national and international standardization effort regarding software based CA/DRM
- Support for B2B customer regarding UPnP and DLNA certification
 - Technical expertise
 - Leader of sub-project
- Software development (C, C++)

02.2006 – 12.2010

Software Developer

Loewe Opta GmbH, Hanover

- Technical leadership porting Loewe DVB stack to Linux
- Technical evaluation of projects and software of sub-contractors in the US and Germany
- Development and maintenance of various software components (infrastructure as well as feature-functionality) for TV sets
 - Languages: C and C++, complemented by scripts in Perl, Ruby, GNU make, bash
 - Platforms: SH4 (OS21, Linux), MIPS (Mictos, Linux)
- Debugging of TV firmware, including libraries, drivers and Linux kernel

01.2004 – 02.2006

Junior Software Developer

Wincor Nixdorf International GmbH, Paderborn

- Development and maintenance of driver software as well as various tools
Languages: Java and C, Operating system: Windows
- Porting of the complete driver stack of an ATM from Windows to Linux
- Conception and implementation of an RPC mechanism that allowed distributing drivers over multiple processes and simplified debugging

03.2003 – 01.2004

Practical Semester

Loewe Opta GmbH, Hanover

- Configuration of Linux system on embedded platform for music server
- Development and maintenance of several software modules

2000 – 2003

Software Developer in R&D

Bertelsmann mediaSystems, Gütersloh

Side job in years of study. Participation in several projects promoted by the EU:

- Java based plugin for an in-car information database that popped up information for points of interest based on location
- Web based tool for administration of an EU project, realized with Perl
- Modifications in a web portal for music and video playback with QoS functionality, realized with Java Server Pages

Education

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

Other activities

1998 – 2018	Linux Usergroup Ostwestfalen-Lippe Founding member and participation in server administration
08.2012 – today	Cardlove.de Technical assistance, administration and web development
1999, 2004	IKB Bielefeld, VHS Ravensberg Coach for Linux and C programming classes at community colleges

Minden, June 2019