

# Roland Reichwein

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- born 1978 in Berlin, Germany
- Computer Scientist (German Dipl.-Inf., Humboldt University Berlin)
- Software Developer (Embedded, Visualization, Tools)
- Operating System Specialist (Linux Kernel, Unix)

## CONTACT

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## EDUCATION

*Computer Science*  
*MSc (German Dipl.-Inf.)*  
Berlin, Germany

**Humboldt University**  
**Institute for Informatics**  
**October 1999 – October 2004**

I studied various topics in Computer Science: Software Engineering, Signal Processing, Databases, Telecommunication Systems, Cryptography, and more. To supplement this, I also studied some Physics at the Physics department of Humboldt University. For my thesis, I worked on efficient algorithms for Automatic Music Transcription. It includes modern Signal Processing and XML technology.

## WORK EXPERIENCE (PAID)

*Software Engineer*  
Ottobrunn, Germany

**Astyx GmbH**  
**July 2015 – present**

Astyx Communication & Sensors GmbH develops radar and other high frequency sensors. I'm involved in development of high resolution radar sensors newly developed for autonomous driving applications. My main tasks are design and implementation of new system concepts, optimization of software and measurement and visualization tools.

Tools/Platforms: Visual C++, C, Qt, Google Test, Java/Android, ADTF, OpenGL

*Software Engineer*  
Holzkirchen, Germany

**WORK Microwave GmbH**  
**July 2009 – June 2015**

Work Microwave GmbH develops a series of high-frequency devices for satellite communication, navigation and radar for which I was developing system software, host computer tools and computer networks. Emphasis on Satellite Modems with Embedded Linux.

Tools/Platforms: Cross-GCC, AVR, AVR32, PowerPC, Linux, Web-server/FastCGI

*Software Engineer*  
Munich, Germany

**Philosys Software GmbH**  
**February 2005 – June 2009**

Philosys is a consulting company involved in UNIX clustering, telecommunication, graphics software for BMW car simulation and Embedded Linux for mobile devices, where I was involved in different respective projects. Emphasis on Embedded Linux.

*Programmer,  
System Administrator*  
Berlin, Germany

**Epigenomics AG  
I-Systems  
March 2001 – March 2002**

At Epigenomics AG, a German/US biotechnology company, I took care of a heterogeneous network with Linux, Solaris and Windows workstations and servers and developed an integrated LDAP infrastructure in Berlin/Germany and Seattle, WA.

FREE SOFTWARE  
PROJECTS  
(VOLUNTARY,  
SPARE TIME)

*Developer*  
<http://www.debian.org/>

**Debian Project  
September 2003 – September  
2016**

At Debian (the largest GNU/Linux distribution) I was maintaining several source packages and the powerpcspe platform (Freescale e500v2 core).

*Translator*  
<http://translationproject.org/>

**Translation Project  
June 2003 – July 2015**

I was a member of the German team in the Translation Project and translated gcc from English to German.

HOBBIES

Since 2000, I'm playing the electric bass. Currently, in the following bands:

- Die Kneipenband (Rock Band): <https://www.kneipenband.com/>
- Munich Soul Train (Soul Band): <https://www.munichsoultrain.de/>
- Satsun (Jazz Band): <http://www.satsun.de/>