

Carsten Ehbrecht , date of birth 21.12.1970

Veddeler Brueckenstrasse 134

Hamburg D-20539

Germany

Email: info at linacs.org

URL: <http://www.linacs.org>

Phone: 0176-49102331

Employment History**Software-Engineer**

Plath GmbH, <http://www.plath.de> (Hamburg)

April 2006–Present

Projects:

- Development of GIS applications and usage of data mining algorithms for evaluation of sensor observation data with Java and Python.

Software-Engineer

Deutscher Wetterdienst (Meteorological Service of Germany), <http://www.dwd.de> (Offenbach)

September 2003–April 2006

Projects:

- Working as a software-engineer in the NinJo project with about 40 team-members. NinJo is the new meteorological information system of the german meteorological service. NinJo is a fat-client Java application. <http://www.dwd.de/de/Technik/Projekte/NinJo>.
- Developed a wheater forecast editor. The editor is part of the meteorological information system NinJo.

Software-Engineer

Stress & Strength GmbH, <http://www.s-and-s.de> (Darmstadt)

September 2002–July 2003

Projects:

- Developed applications for fatigue-analysis and digital-signal-processing in C++ and Fortran.
- Performed project-management using Extreme-Programming techniques.

Software-Engineer

intelligent-views GmbH, <http://www.i-views.de> (Darmstadt)

January 2001–July 2002

Projects:

- Implemented applications for the company's Knowledge-Management-System K-Infinity.
- Developed a Topic Map export with Java and XSL.
- Developed XML export and import interfaces for K-Infinity with Smalltalk.
- Developed a web-portal with XSL and Java-Script.
- Maintained the middle-ware-application XML-Resource-Bus with Java.
- Performed configuration management with CVS and Linux.

Software-Engineer GIS

born & partner GmbH, <http://www.bornundpartner.com> (Darmstadt)

October 1997–December 2000

Projects:

- Developed applications for Geographical-Information-Systems (GIS) and Workflow-Management-Systems (WFMS).
- Developed web-portal with GeoMedia (GIS) and Access in ASP.
- Developed web-portal with MapInfo (GIS) and Oracle in Java.
- Developed workflow-application with integration of GeoMedia (GIS) and MS-Office in Visual-Basic.
- Supported isys software ag, Freiburg, in debugging and maintaining Smallworld-GIS-application for land-register.
- Developed Smallworld-GIS-application prototype for telecommunication-business during training-on-the-job.

Education

1.7 in Technomathematik (Diploma), October 1990–July 1997
TU-Clausthal, <http://www.math.tu-clausthal.de> (Clausthal-Zellerfeld)

1.7 in Diploma Thesis, June 1996–June 1997
GKSS Research Centre, <http://www.gkss.de> (Geesthacht)

- Classification of ice-crystals in cirrus-clouds with neural-networks.

1.0 in Mathematical Practical Training, October 1994–April 1995
Institute for Fatigue Analysis, <http://www.imab.tu-clausthal.de/> (Clausthal-Zellerfeld)

- Numerical method for calculating the tension-integral.

no degree in Study Abroad, September 1993–June 1994
University of Limerick, <http://www.ul.ie> (Limerick, Ireland)

3.2 in Abitur, 1983–1990
Gymnasium Bad Gandersheim, <http://www.roswitha-gymnasium.de/>

Skills

Operating Systems: Linux, MacOSX, Windows.

Programming: C/C++, Java, Python, Java-Script, Smalltalk, Perl, Fortran, Visual-Basic, XML/XSL, UML, Qt.

Applications: Smallworld GIS, CVS, Perforce, Tomcat, DocBook, Emacs, ArgoUML, Eclipse.

Foreign Languages: Englisch, basic French.

Interests

- Linux, Emacs, Open-Source.
- Board-Games, Badminton, Biking.
- Chocolate, Peanuts, ...

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