

# Jochen Dieckfoss

## Education

### **Boston University**

January 2000 – May 2004

*Boston, Massachusetts*

- Bachelor of Arts, Major: Computer Science, Minor: Mathematics.
- GPA: 2.67 / 4.00.

### **Projects**

- Wrote a compiler (lexer and parser) in C (lex and YACC).
- Wrote a C++ program to recognize license plates.
- Wrote a Linux kernel loadable module to implement a filesystem and corresponding file operations on a RAM disk.
- Wrote interface between a database system and a client program with web interface in Java, SQL, JDBC and JSP.

### **Activities / Honors**

- Athletic scholarship for men's track & field and cross country varsity teams, Captain.
- MVP (four times cross country, three times outdoor track), 2000 – 2004.
- Boston University "Male Athlete of the Year", 2003 – 2004.

## Experience

### **Senior Software Engineer**

September 2004 – Present

*Elektrobit Automotive GmbH – Erlangen, Germany*

- Developed Windows Embedded Compact Board Support Packages (BSPs), drivers and applications.
- Organized, prepared and held customer specific as well as generic Windows Embedded Compact trainings, workshops and consulting.
- Organized and held Windows Embedded presentations both nationally and internationally.
- Wrote papers on Windows Embedded for national and international professional journals.
- Wrote professional Windows Embedded Blog posts.
- Appeared on national and international trade shows and conventions including Microsoft TechED.
- Managed Windows Embedded projects.

### **Student Trainee for temporary employment**

June – August 2003

*IBM Deutschland Entwicklung GmbH – Schönaich, Germany*

- Utilized the Redhat GNU/Linux-Platform for Intel-Server, the Common Information Model architecture (CIM & Open Pegasus) and the IBM BladeCenter.
- Programmed several RPMs (Linux install packets).
- Created a GNU/Linux setup for xBlade-Server.
- Developed an automated installer for xBlades via PXE-Boot.

**Student Trainee for Education**

June – August 2002

*IBM Deutschland Entwicklung GmbH – Schönaich, Germany*

- Wrote Perl and Java programs to improve the error handling of existing applications and implemented several tools to improve the overall functionality of the project.
- Created a graphical overview of the functional coherence of the main components of the project and an installation guide of the software needed for the project.

**Web Content Creator**

August 2000 - May 2002

*egi.sys AG – Tübingen, Germany*

- Implemented XML and JavaScript programs in the context of the Viewpoint Experience Technology.
- Created Adobe Atmosphere 3D worlds (modeling, programming (JavaScript) and maintenance).
- Modeled and optimized the content of the company internal 3D database.

**Intern, Web Content Creator**

July and August 2000

*egi.sys AG – Tübingen, Germany*

- Improved 3D-scanning in the MetaStream format.
- Improved existing 3D models in Photoshop, 3D Studio Max and XML.

**Civilian Servant**

October 1998 – November 1999

*TSG Tübingen – Tübingen, Germany*

- Coached several children sport groups (soccer and physical education).
- Helped with administrative office tasks.

**Affiliations & Awards**

- Microsoft Most Valuable Professional (MVP) for Windows Embedded, 2010 – present.
- Windows Embedded Technical Advisory Council (WETAC), board member, 2010 – present.
- MS exam 70-181, TS: Windows Embedded Compact 7, subject matter expert, 2010 – present.
- embeddedSPARK 2011 CHALLENGE, Juror, 2010 – present.
- Embedded Software Engineering (ESE) Kongress, board member, 2010 – present.
- Microsoft Certified Trainer for Windows CE 5.0, Windows Embedded CE 6.0 R2, Windows Embedded Compact 7 and Microsoft Auto 4.0, 2006 – present.
- Microsoft Certified Technology Specialist (MCTS): Windows Embedded Compact 7, 2011.
- Microsoft Certified Technology Specialist (MCTS): Windows Embedded CE 6.0 Developer, 2008.
- Several times finalist at NCAA Division I men's track & field and cross country championships including one All-American recognition, 2000 – 2004.
- Four time consecutive America East Division I cross country champion, 2000 – 2004.
- Member of the German national track & field and cross country teams including finalist at two European championships, 1997 – 1999.

## Skills & Interests

### *Language skills*

- Fluent in German, native language.
- Basic knowledge in French.

### *Computer skills*

- Microsoft Windows, UNIX, Linux, Mac.
- MS Office (Outlook, Word, Excel, PowerPoint, Access), Adobe Photoshop, Adobe Illustrator, Adobe Atmosphere, 3D Studio Max, Macromedia Flash, Macromedia Dreamweaver.
- C, C++, C#, PASCAL, Java, JDBC, JavaScript, SQL, Scheme, Perl, XML, PHP, HTML, Macromedia FlashScript, ARM und x86 Assembler.