

Hannes Lübbo Ricklefs

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Website: <http://www.german-efficiency.com>

Nationality: German **Date of Birth:** 19/06/1980

EDUCATION

Bournemouth University, Bournemouth, UK

09/2004 – 09/2005

MSc Computer Animation: Received distinction in Post Grad Diploma (best overall result of the year), currently completing the final stage of the Masters.

Courses

- Computer Animation Techniques and Tools: Maya, Renderman, Houdini
- Computer Graphics Fundamentals: Math for Computer Graphics
- Programming for Graphics: C++, OpenGL
- Computer Animation Theory and Practice: Algorithms, Cloth, Particles/Flocking
- Visual Theory & Practice: Cinematography, Storyboarding, Animatics

Projects - For further information about these projects see <http://www.german-efficiency.com>

- Group Project: "Absolute Zero" won **2nd prize in the Animago** category Education/Compositing/Special Effects. Roles: Project Manager, VFX TD, Pipeline TD.
- Master Project: "A framework for physically based shattering – wood" a Maya API C++ plug-in.
- Implicit Surface Modelling plug-in for Maya using the Maya API C++
- Computer Animation Project: Renderman Bark Shader
- Real Time OpenGL/C++ Particle System

Postgraduate Award from the Arts and Humanities Research Board (AHRB)

Student Representative for the MSc Computer Animation

University of Kent (UKC), Canterbury, UK

09/2000 – 07/2004

BSc (Honours) Computer Science with a Year in Industry

Degree Result: First Class Honours

- Project Manager of Group Final Year Project developing a platform independent multimedia tool enabling people to communicate and learn irrespective of location. The software was written in Java using Swing, Servlets, J2EE and the Java Media Framework.
- **Ranked 2nd** of 128 students with an overall result of 78%.
- Awarded a **Computer Science Project Prize** for best final year project and presentation.
- Awarded a **Rotary Prize for distinguished performance** in Part 1 and Part 2 examinations

Studienstufe Gymnasium Corvey Strasse, Hamburg, Germany

08/1997 – 07/1999

German Abitur, Main subjects: Math, English, Geography and Drama

Published and laid out the final leavers book.

Nikki Rowe High School, McAllen, TX, USA

08/1997 – 07/1999

High School Diploma: Part of an exchange year with the American Field Service (AFS)

WORK EXPERIENCE

Software Developer: HanseCom GmbH, Hamburg, Germany

06/2004 – 08/2004

- Developed an insurance administrations system for all German Public Transport companies using Virtual Studio .NET, C# and the Microsoft SQL Server 2000.
- Researched various technologies to enable a secure communication between the clients and insurance provider over the internet including WebServices, VPN-Networks, Message Queues, RMI, DB-Replication and email.
- Administered the projects team Microsoft SQL Server 2000 including designing, creating and managing the relevant Databases.

Intern: Sun Microsystems, California, USA

07/2002 – 06/2003

- Designed and implemented a three-tier Web Based ROI Tool (return on investment) using Servlets and Java Server pages (JSP), SunOne Webserver and the Oracle 9i RDBMS.
- Participated in the development of a next generation software platform (Intellectual Capital Bus) that allowed the tagging and unification of isolated data resources within Sun to create new revenue streams for the Services Organization. Enriched my Java knowledge by learning Java Transaction Management (JTA) and Directory Interface (JNDI) for the project.
- Designed and maintained the Intellectual Capital Management website using Servlets and JSP, SunOne Webserver and MySQL database. Involved automatic news item population on the website and a registration mechanism for the Knowledge Management Conference at Sun Microsystems, Colorado, USA.

- Supported the Knowledge Management Conference in Colorado, USA with administering a virtual meeting system (Placeware).
- Administered the Intellectual Capital Management Group's servers. Involved installing and administrating Solaris 9, SunOne Webserver, Portalserver and Oracle 9i RDBMS.
- Prepared research papers about other companies, products and technologies.
- Delivered presentations to my group on my work.

Web-Developer: HanseCom GmbH, Hamburg, Germany

07/2001 – 09/2001

- Designed the layout of the Web-Portal <http://www.oepnv.de>
- Implemented parts of the Web-Portal using PHP and MySQL within a small team.

UCAS Open Day Presenter: University of Kent, Canterbury, UK

09/2001 – 04/2002

- Participated in panel discussions with other students and professors answering questions of prospective students and their parents.
- Conducted tours around the University campus and the Computing Department in particular.

Computing LAB Assistant: Kaifu Gymnasium, Hamburg, Germany

05/2001 – 07/2001

- Administered the schools network using Mac OS X Server and Apples Wireless Airport Technology.
- Maintained and installed various computers on the schools network using Mac OS X.

Freelance Web-Designer: Hamburg, Germany

12/1998 – 01/2001

- Designed <http://www.wolfgangriebesehl.de> using Adobe GoLive and Photoshop
- Designed <http://www.igf-gestallt.de> and <http://www.dieGondel.de> as part of the learning process

Paramedic (Compulsory social-service): Rotes Kreuz, Hamburg, Germany

07/1999 – 06/2001

CERTIFICATIONS/TRAINING COURSES

- Advanced and Intermediate Solaris 9 administration (instructor-led)
- Project Management Fundamentals at Sun (instructor-led)
- Effective Presentation (instructor-led)
- A programmers introduction to XML (web based)
- Knowledge Management an overview (web based)
- Qualified paramedic according to the German health system since 1999.

PUBLICATIONS

- Baltopoulos, R. Kilpatrick, H. Ricklefs, N. Saunders, *Java Multi User Learning Environment (jMule)*, University of Kent, Canterbury, Kent, 2004 <http://www.cs.kent.ac.uk/pubs/ug/2004/>

LANGUAGE SKILLS

Fluent in **German** (mother tongue) and **English**

TECHNICAL SKILLS

Programming Languages: Java, C++, Perl, Shell Scripting, MEL, C#, Haskell, Occam, C, SQL, Z Specifications, UML and JavaScript
Operating Systems: Mac OSX, Mac OSX Server, Mac OS 9, Sun Solaris, Suse – RedHat Linux and Windows 2000/NT/XP
Graphics Software: Comfortable with Alias Maya, Pixar's Renderman, 3Delight. Experience with SideEffects Houdini, Mantra

ACTIVITIES & INTERESTS

- Professional memberships: ACM SIGGRAPH, Apple Developer Connection
- Computer Animation: Programming plug-ins for Alias Maya using MEL/Maya API. Real-time graphics with OpenGL/C++. Writing Renderman Shaders using the Renderman Shading Language.
- Computer Science: Project Management, Knowledge Management, Version Control
- Sports: Rowing, member of the first crew for 4 years at the University of Kent. Running, participated in many half marathons and the Hamburg marathon 2000
- Member of the German Society at the University of Kent

REFERENCES AVAILABLE ON REQUEST