

Christian Lauterbach

CONTACT INFORMATION

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RESEARCH INTERESTS

- Interactive ray tracing
 - Massive model rendering
 - Global illumination
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EDUCATION

University of North Carolina at Chapel Hill, Chapel Hill, NC
Current PhD student **2005 - present**
Research assistant (advisor: Dinesh Manocha)

University of Bremen, Bremen, Germany
Diploma in Computer Science **1999 - 2005**
Thesis: "Photon Density Estimation Using Wavelet Compression", GPA: 3.9/4.0

AWARDS

- Scholars for Tomorrow Fellowship, UNC Chapel Hill **2005 - 2006**
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WORK EXPERIENCE

Intel Corporation, Santa Clara, CA
Graduate Intern Technical – Application Research **2006**
May – August: Ray Tracing research in Applications Research Lab.

creations media GmbH, Münster, Germany
Developer **2000 - 2005**
Created and maintained backend applications for server administration and developed main customer interface for managed services applications.

Gamigo AG, Rheine, Germany
Developer **1998 - 2000**
Responsible for developing backend web applications.

TEACHING EXPERIENCE

Teaching assistant **2000**
Professor Ulrich Krause, "Mathematische Methoden der Informatik I",
University of Bremen

LANGUAGES

- German (native)
 - English (fluent)
 - French (fluent)
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MEMBERSHIPS

- Member of the Association for Computing Machinery (ACM) – 2002
- Member of the Gesellschaft fuer Informatik, e.V. – 2002