

Lothar Schlesier

Diplom Informatiker



Personal Data

Lothar Schlesier
Horner Straße 12
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Born at August 18th, 1979 in Quedlinburg (Germany)
German Citizenship
Unmarried
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Professional Experience

09/2007–today Software Engineer at Mevis Medical Solutions AG, Bremen (Germany)

Experience

- 08/2005–03/2006 Research Assistant at the Innovations in Visualizaton Laboratory, University of Calgary (Canada) in collaboration with the Pacific Forestry Centre (Canada)
Research on visualization techniques for providing interactive access to high dimensional simulation data. Programming a decision support tool that allows landscape managers to compare different mountain pine beetle management scenarios at various simulation conditions.
See <http://lumpbkey.divnull.net/>
Diplom thesis: *Creating an Interactive Visualization of Mountain Pine Beetle Simulation Data*
- 04/2004–10/2004 Student Research Assistant at the Department of Simulation and Graphics at the Otto-von-Guericke-University Magdeburg (Germany)
Programming software, especially webbrowser plugins, for displaying information that is coded into images, using C++ and Qt.
See <http://www.simage.de/>
- 04/2003–09/2003 Associate Researcher at the Innovations in Visualizaton Laboratory, University of Calgary (Canada)
Research on the implementation of a rendering pipeline for creating multiple projections images from 3D data. Programming a prototype using Qt and OpenGL.
Bachelor thesis: *Eastern Perspective - Multi-Projection-Images*
- 07/2002–09/2002 Student Research Assistant at the Department of Simulation and Graphics at the Otto-von-Guericke-University Magdeburg (Germany)
Programming a driver to make the 6DOF Trackingsystem FastTrak available for OpenInventor on SUN Solaris.
- 10/2000–12/2000 Student Research Assistant at the Database Working Group at the Otto-von-Guericke-University Magdeburg (Germany)
Programming a visualization of database queries in Java.

09/1998–09/1999 Civilian Service at the hospital in Aschersleben (Germany)

Education

- 10/1999–09/2006 Otto-von-Guericke-University Magdeburg
Program of study *Computer Science* (Subsidiary subject: Psychology), Diplom, Grade 1.7*
Diplom thesis: *Creating an Interactive Visualization of Mountain Pine Beetle Simulation Data*
- 06/2004 Otto-von-Guericke-University Magdeburg
Bachelor of Computer Science, Grade 1.6*
Bachelor thesis: *Eastern Perspective - Multi-Projection-Images*
- 06/1998 Gymnasium Stephaneum, Aschersleben
Abitur (university-entrance diploma), special subjects: Mathematics and English, Grade 1.3*

* on a 4.0 scale with 1.0 being the highest mark

Languages

German Native
English Good

Private Interests

Travelling, hiking, jogging, swimming, photography, reading, webtechnologies

Publications

Henry Sonnet, Andrea Unger, **Lothar Schlesier**, Thomas Vogel, Tobias Isenberg, and Thomas Strothotte. *Interactive Images using Illustration Watermarks: Techniques, Study, and Applications*. Technical Report – FIN Preprint Series 7/2006, Department of Computer Science, Otto-von-Guericke University of Magdeburg, Magdeburg, Germany, 2006.

Lothar Schlesier, Josie Hughes, Andrew Fall, and M. Sheelagh T. Carpendale. *The LuMPB Key: A Multiple View Interface to Explore High Dimensional Mountain Pine Beetle Simulation Data*. In *Proceedings of the Fourth International Conference on Coordinated and Multiple Views in Exploratory Visualization (CMV 2006)*, pages 31–41, Los Alamitos, CA, USA, 2006. IEEE Press.

Torre Zuk, **Lothar Schlesier**, Petra Neumann, Mark S. Hancock, and M. Sheelagh T. Carpendale. *Heuristics for Information Visualization Evaluation*. In *Proceedings of the Workshop Beyond Time and Errors: Novel Evaluation Methods for Information Visualization*, New York, NY, USA, 2006. ACM Press.