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# Stefan Eilemann

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FULL RESUME [http://www.equalizergraphics.com/documents/CV\\_Stefan\\_Eilemann.pdf](http://www.equalizergraphics.com/documents/CV_Stefan_Eilemann.pdf)

## PROJECTS **2007-current**

Working with a major company in the content creation market to produce a scalable version of their core product. Ported Equalizer to Windows XP, assisted in the design and implementation of a scalability prototype and leading a team of four people to integrate Equalizer into the next product release.

Founded Eyescale Software GmbH, a company providing consulting and software development services with a focus on parallelization and OpenGL.

## **2005-current**

Jumpstarted the Equalizer project in early 2005 to create the standard toolkit for building scalable OpenGL applications. Leading the academic and commercial research as well as the development of an industrial quality open source code base. Product promotion to establish the product and to build an open source community.

## **2004-2005**

Senior software engineer contributing to the design and development of a Java-based LCDUI implementation for MIDP 2 devices. The implementation uses a CSS-based file format to dynamically configure the Look&Feel of the user interface.

## **2004**

Development of a fully functional 3D phone simulator for Java software running on mobile phones for marketing presentations. Completed project under tight schedule for a trade show within two months, using C++ and OpenSceneGraph.

## **2003**

Software engineer in a three-man/three-month project to create a distributed shared memory and synchronization API for Linux clusters, based on C++, TCP/IP and pthreads. Worked with another team developing an OpenGL Performer demo based on this API.

## **2000-2003**

Technical lead engineer for a three-man team developing and maintaining a parallel rendering toolkit based on OpenGL, C++, pthreads and various SGI-specific technologies. Responsible for all technical aspects of the project, like feature definition and prioritization, design, implementation, coaching, code reviews, documentation, as well as interfacing to other internal projects, technical publications and customer support.

## **2000**

Implemented a network configuration management tool using Linux, Apache, MySQL and Perl for an internet service provider.