Jan Philipp Seidel
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Objective

A challenging position as a Software Engineer and the possibility of career advancement.

Key Information

- Very good analytical skills
- Strong research background in parallel systems
- Academic background in the fields of parallel algorithms and theoretical computer science
- Permanent resident of the U.S. (green card)

Technical Expertise

Programming Languages:	C, C++, Java, MPI, OpenMP, SQL, OpenGL, XML
Software:	Eclipse, Microsoft Visual Studio, Subversion, Apache Maven, Latex
Specialty:	Programming parallel systems and multi-threaded applications

Work Experience

June 2007 – September 2007 — Fraunhofer Institute SCAI, Sankt Augustin, Germany.
- Worked on grid resource management and scheduling based on Web Services Agreement.
- Java project management using Apache Maven in Linux.

February 2005 – April 2007 — University of Applied Sciences, Sankt Augustin, Germany.
- Developed a parallel memory file system for clusters using C and MPI in Linux.
- Evaluated and developed cutting-edge optimization techniques for parallel file systems.
- Administrated the university cluster and set up a multi-cluster environment with UNICORE.
- Four publications on international conferences.

November 2003 – June 2004 — Fraunhofer Institute IMK, Sankt Augustin, Germany.
- Evaluated and developed algorithms to dynamically deform virtual characters for the Virtual Human project using C++.

July 2003 – September 2003 — Fraunhofer Institute IMK, Sankt Augustin, Germany.
- Developed graphical applications with the shader language CG, OpenGL and the virtual reality environment Avango.

Education

2007 — **Master of Science in Computer Science**
Graduated with a 1.1 on a scale from 1 to 5, where 1 is the highest.
University of Applied Sciences, Sankt Augustin, Germany.
Master Thesis: "Optimization Strategies for Client-Server Mapping and Data Distribution Schemes in a Parallel Memory File System"

List of Publications and other References available upon Request.