Student Job Offer for Performance Optimization and Energy Efficiency Analysis

**Tasks:**
Scientific research (5 – 19 hours per week) to analyze and optimize the performance and energy efficiency of multi- and many-core processors as well as High Performance Computing systems, e.g.:
- Development of parallel benchmarks on a level close to the hardware and the operating system
- Conducting measurements on state-of-the-art test systems as well as petascale high performance computing systems
- Analysis and assessment of measurement data

**Requirements:**
- Interest in the development of parallel and performance-critical software
- First experiences with Linux
- Knowledge in C/C++ and shell programming preferred

**Candidates please contact:**
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