Barcelona
Supercomputing
Center
Centro Nacional de Supercomputación

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Barcelona, May 12th, 2015

Dear Sir/Madam,

Hereby I send you a recommendation letter for Rahulkumar Gayatri. I have known Rahulkumar since September 2009 as his PhD advisor. During this period he has worked on Parallel Programming Models and Transactional Memory and has shown himself to be a promising young researcher.

As a part of his doctoral thesis, he has integrated a Software Transactional Memory (STM) library into the StarSs programming model and has successfully introduced optimistic synchronization for multiple threads. During this time that I have known him, he has shown good technical skills and high curiosity and ability to learn new topics and good analysis skills. He has very well integrated into our research team showing good communication skills and the ability to work in a group.

During his graduate studies, Rahulkumar was mainly funded by TERAFLUX, a project supported by the European Union and the FI-AGAUR grant from the Catalan government.

In the TERAFLUX project his role was to research on the idea of using STM-based concurrency control for shared memory updates. He implemented and analyzed the idea of speculative memory updates with great success and within the given time frame.

I evaluate Rahulkumar as an intelligent, dependable and a dedicated person, who is ready to achieve his goals. I am positive that he would be a tremendous asset to your group and I highly recommend him without any reservation. If you have any further questions with regard to his background or qualifications, please do not hesitate to contact me.

Sincerely,

Eduard Ayguade

Associate Director of Computer Sciences Department

Barcelona Supercomputing Center