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Recommandation for Dr Hiep-Thuan Do

To whom is concerned

I supervised the PhD of Hiep-Thuan Do on scalability of computation means to process datasets coming from huge geographical information systems. His work was at the crossroads of the domains of parallelism, image processing and geographical information systems. The results he obtained led to the development of a set of tools dedicated to distributed memory machines for the delineation of catchment basins and the accumulation flows on huge digital elevation models (up to several billions of points). Those results rely on a optimized parallel computation of a minimum spanning tree based on the Boruvka algorithm. Dr Hiep-Thuan Do published his work in three international conferences and in the international journal Concurrency and Computation : Practice and Experiments.

Beyond his great scientific skills which have been underlined by his PhD committee, I also appreciated his great human qualities. Indeed Dr Hiep-Thuan Do is very hardworking. He is not only able to provide solutions and justify them but he also listens to the advices which are given to him. Moreover his constant good moon makes him a very pleasant collaborator.

For all these reasons, I highly recommend Dr. Hiep-Thuan Do for any job related to high performance computing and large datasets processing.

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