



武汉大学遥感信息工程学院

School of Remote Sensing and Information Engineering, Wuhan University

To: Graduate Admissions Committee

It is my pleasure to recommend Mr. Jiongyan Zhang for his application in your graduate program. Mr. Zhang is an intellectual and outstanding student. As the professor who taught him High-Performance GeoComputation, I found that he has demonstrated his talent in the Big Data field, and his proficient programming skills. Capability like this not only guarantees his further progress in his undergraduate major - GIS but may also assist his development in Data Science and Computer Science.

In my class, Jiongyan devoted his time and effort to learn new knowledge and make novel exploration. He has shown his excellent job in mastering programming technique, along with his ability to study and practice parallel computing technology, such as OpenMP. What made me feel pleasantly surprised is his thesis of utilizing Hadoop framework to manage and compute big raster image files. He rent several serve machines, built Hadoop environment, made the corresponding configuration and migrated his JAR packages to the release environment independently. Through combining class knowledge with self-study, he mastered the application of HDFS, HBase, MapReduce quickly, which has proved his gift not only in GIS domain but also DS and CS.

Meanwhile, he has participated in some projects that are related to Big Data and Data Analysis, which further gives play to his talent. As far as I know, he has helped my colleague, Prof. Kun Qin, in some research and development such as Flight Analysis and Disability Assistant.

When he came and asked me to write a recommendation letter for him, I am pretty glad to make this decision because he is genuinely a hardworking and intellectual student. I do believe he will achieve his success in either academia or industry, and burnish the field he would study.

Yours Sincerely,

Peng Yue, Professor

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