

Letter of Recommendation for Mr. Ephrem Admasu

Dear Admission Committee,

It is my great pleasure to strongly recommend **Mr. Ephrem Admasu** for admission to your highly esteemed university and for the award of scholarship. I was Ephrem's masters thesis advisor at Mekelle University. He worked on wind power prediction in wind farms using LSSVM optimized by a novel variant of quantum-behaved particle swarm optimization algorithm using wind speed dataset that he collected from a local wind farm. While doing his thesis work, he displayed a strong desire to learn and explore different topics and experiment on various state-of-the-art algorithms and methods. At the time, I was able to witness his great level of creativity, analytical aptitude, and stamina that was not very common among other graduate students I had either advised or examined.

Mr. Ephrem possesses the self-motivation to successfully create and execute independent work which I witnessed as his advisor. Oftentimes he would visit me with new ideas he read from recently published papers and would ask various questions and discuss how to apply them to his problem domain. He is someone who would indefatigably and relentlessly work to incorporate any feedback and comments given to him by me or others. He had never disappointed anyone; instead, he had always exceeded my expectations. Mr. Ephrem also demonstrated excellent programming skills and is so comfortable with using different languages such as Python, C/C++, Matlab and Java. Besides, he has an excellent understanding and command of Machine/Deep Learning and related popular frameworks and libraries like Keras, tensorflow and others.

Mr. Ephrem's research and academic strengths are also complemented by his leadership skills. Few years after graduation he was appointed as the chair head of our department (Computer Engineering). At that time I was able to experience and witness his strong desire to transform our department. He strongly believed that this can only be achieved through teamwork and inclusive participation of faculty members. He had his way of making staff members feel free and comfortable to participate in the affairs of the department and welcomed any comments for improvement. He managed to successfully maintain the purchase of lab equipment that was on hold for more than six years. He got important labs vital for class and research activities built and set up.

All in all, Mr. Ephrem is an intelligent, hard-working, and down-to-earth academician with excellent research-making, leadership, and communication skills. Hence, I strongly recommend **Mr. Ephrem Admasu** to be accepted by your honorable university to further his studies at PhD level. I am so confident that he will make an excellent addition to your university's community. If you have any further inquiries about him, please be my guest to either ring me via +1-607-232-1056 or email me via afitwi1@binghamton.edu/fitwialem2022@meta.com.

Sincerely Yours,



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