



Dear Officers,

This is Jie Xiong, who focuses on wireless sensing, mobile computing, and wireless networking. Since Sep. 2020, Wenbo Zhao has been an RA for the research *LPWAN-based Patient Tracking & Alerting System Facing COVID-19 Pandemic* under my supervision. Wenbo is a well-qualified RA in my view and is expected to be an excellent researcher in the future.

Wenbo is good at realizing the methods from the literature, or making the methods applicable to his research by modifying them. Inspired by the methods proposed in the article *BeepTrace: Blockchain-enabled Privacy-preserving Contact Tracing for COVID-19 Pandemic and Beyond*, Wenbo has modified the architecture mentioned in the article and made it applicable to LPWAN.

Moreover, the pursuit of perfection is one of Wenbo's key traits. Even if sometimes inefficient, he reads papers or programmed in the lab day and night, accumulating precious experience consistently in his area of research. I believe that this young man can unleash his unlimited potential after following years' efforts.

Besides, Wenbo is ethical and conscientious. He cares about the interests of others, refuses to do anything that would harm others, and takes responsibility for his actions. He is constantly reflecting on what he has done, is eager to help his team members, and does his best to ensure that he and other team members complete their tasks on time.

On basis of the above characteristics that Wenbo Zhao has, I strongly recommend him for all the programs he is applying for. Please do not hesitate to contact me for more information about him.

Yours Sincerely,

Dr. Jie Xiong

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