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To whom may concern,

I am glad to offer this recommendation letter for the career purpose or academic purpose of Mr. Jiongyan Zhang.

Jiongyan worked in ESRI R&D Center (Beijing) as a development intern for four months. The main responsibility that he took focuses on researching medical image processing algorithms and developing the backend server. The target of this project is to create a user-friendly mobile platform to monitor heart health, which corresponds to ESRI's idea that expanding our research territory to better serve well-beings of the human life.

During Jiongyan's internship, he has demonstrated his brilliant capability in digital image processing and signal processing. To develop efficiency and accuracy of the algorithm, he used multiple types of mobile phones to collect data. Based on these data, Jiongyan tried to improve algorithms in many aspects, such as signal peak detection, amplitude quality evaluation and differentiation quality evaluation, to obtain a better result. The improved algorithm has a significant effect on the bad signal we have collected. Besides his research ability, he is also a good coder in the engineering field. He has participated in the backend server development, building the user-login system and the database interaction system. These advantages could ensure his superiority not only in the academic field but also in the career.

I have known that Jiongyan is going to continue his postgraduate study in Technical University of Munich. I believe he will acquire more professional knowledge in his further study, and I hope he will achieve more in your program or company as well.

Sincerely,

A handwritten signature in black ink, appearing to be 'Moxie Zhang', with a long, sweeping horizontal line extending to the right.

Moxie Zhang

General Manager

Esri Beijing R&D Center