

To Whom It May Concern,



I am writing to enthusiastically recommend Jinyuan Li as an outstanding candidate for your PhD program. I am confident that he has the ability to excel in fields related to multimodal learning and make significant contributions to your academic community.

During Jinyuan's master's research, I supervised him and had close interactions with him. As a researcher with many years of experience in NLP and multimodal learning, I observed **Jinyuan demonstrating exceptional sensitivity to new technologies, strong practical skills, and a fervent passion for research.**

His past research has focused on multimodal information extraction, particularly exploring complex tasks such as multimodal named entity recognition and visual grounding and segmentation. Notably, this is a niche field, and exploring the potential of large models in this area presents unique challenges, especially given the typically limited computational resources available to researchers in this field. However, Jinyuan met these challenges with vigor and determination, showcasing an impressive ability to harness cutting-edge technologies and innovate new scenarios and corresponding solutions. I believe Jinyuan's progressive work during his master's—spanning from MNER to GMNER to SMNER—not only genuinely advanced the field but also exemplified the growth of a novice researcher. He successfully transitioned from chasing SoTA results to identifying and proposing new research problems, demonstrating a shift from filling existing gaps to pioneering new directions.

Moreover, Jinyuan is not only a skilled researcher but also an excellent communicator and collaborator. He effectively disseminates his research findings through presentations and publications, demonstrating his ability to clearly and accurately articulate complex ideas. He also excels in collaborative environments, actively engaging with peers and contributing to a supportive and stimulating academic atmosphere.

In summary, **I have no doubt that Jinyuan will quickly thrive in your PhD program, as he possesses the technical acuity and perseverance necessary for success in this field. I wholeheartedly support his application and believe he will make significant contributions to your institution.**

If you need any additional information of Jinyuan Li, please do not hesitate to contact me directly by the following information.

Sincerely,

A handwritten signature in black ink, which appears to read 'Jianfei Yu', is positioned above the printed name.

Associate Prof. Jianfei Yu

School of Computer Science and Engineering, Nanjing University of Science and Technology

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