



March 4, 2019

Letter of Recommendation

To whom it may concern,

It is a rare pleasure to write a recommendation letter to a dedicated, smart, eager and thoughtful student such as Mrs. Linghui Luo. I have known Mrs. Luo for over more than five years, when she was still in the bachelor's program of Paderborn University.

I worked together with Mrs. Luo on many different occasions: she was a teaching assistant in a "data structures and algorithms" course that I organized for my PhD supervisor, she was a student research assistant in my PhD thesis project, she wrote her master thesis under my supervision and we ultimately published a paper together in the beginning of 2019. Additionally, I had the honor of being her mentor in the persEktive^M-program of our faculty, which is a specialized mentoring program for female undergraduate students that offers insights into scientific work and everyday research life.

Throughout her academic career, Mrs. Luo constantly exceeded expectations. As a research assistant, she designed and implemented a simulator for distributed overlays completely on her own. She had high work ethics and was always ready to take on additional work when requested. She continued this work in her master thesis, in which she adapted state-of-the-art research of the research group (monotonic searchability) to a completely new problem. Her thesis contained various interesting results, building the foundation of our joint research paper. Even though she has never coauthored a paper before, she quickly adopted the formal academic writing process. She has an admirable eager for knowledge and she is absolutely reliable.

Mrs. Luo is one of the few students I encountered in my career who is strong in both aspects of computer science: theory and practice. She understands problems on a conceptual level and is able to perform mathematical proofs as well as she masters to program the corresponding algorithms and optimize their code.

I was delighted when she started to pursue a PhD, because frankly she has the talent and potential to be a way better researcher than I am. I believe this internship will be instrumental in helping Mrs. Luo to prepare for her future academic and research goals. It will provide her with an opportunity to challenge herself and to expand both her knowledge and experience.

It is without any hesitation that I give Mrs. Luo my most emphatically positive recommendation for the internship.

Sincerely,

Dr. Thim Strothmann

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