



Reference

May 15th, 2025

Dear Sir/Madam,

I deem it a great pleasure to recommend Mr Pang Bangtao, a promising candidate for your distinguished institution. I came to know him when I was giving the *Data Structures* course in 2022. Given his sound theoretical foundation and outstanding practical skills, I would rank him as a well-qualified learner who deserves an advanced education.

Bangtao possesses a solid foundation in data structures and algorithms, with a keen ability to apply theoretical knowledge to practical problems. His coursework included implementing complex data structures such as red-black trees and hash tables, and he excelled in optimizing algorithmic efficiency. One of his notable projects was a file indexing system based on red-black trees, which showcased his clean coding practices and problem-solving skills. Beyond the curriculum, he has a strong interest in cybersecurity, particularly in cryptographic applications, reflecting his interdisciplinary mindset.

What sets him apart is his exceptional communication and teamwork skills. During group projects, he naturally assumed a leadership role, guiding his peers through the system design and implementation process. Under his coordination, his team successfully developed a distributed data storage system, which exceeded expectations and earned high praise. His ability to articulate ideas clearly and motivate team members makes him an invaluable collaborator.

Diligent, curious, and self-motivated, Bangtao consistently seeks deeper understanding beyond classroom material. He frequently engaged me in discussions on algorithm optimization and security-related challenges, demonstrating intellectual curiosity and a drive for innovation. I am confident that he will thrive in your programme and contribute meaningfully to your academic community. Without reservation, I endorse his application and believe he has the potential to become an outstanding professional in software engineering or cybersecurity. Should you require further information, please feel free to contact me.

Yours sincerely,

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