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To Whom It May Concern,

I am pleased to write this letter of recommendation for Lukasz Michalski, with whom I had the privilege of working during his Bachelor's studies and later collaborating on research in heterogeneous programming and high-performance computing. His contributions were instrumental to our work, culminating in a publication at the *19th International Conference on Dependability of Computer Systems* and an exceptional oral presentation, which was subsequently selected for post-conference publication in the *International Journal of Electronics and Telecommunications*.

Throughout our research, Mr. Michalski served as the team leader, overseeing the entire project life-cycle—from concept and design to engineering heterogeneous solutions and validating optimization procedures. His work on parallel swarm optimization using fast range search in Euclidean spaces with CPU/GPU offloading demonstrated both technical depth and innovation. He not only led the research and technological development but also played a key role in ensuring the effectiveness of our heterogeneous computing strategies.

Mr. Michalski possesses a unique combination of academic excellence, technical proficiency, and leadership skills. His deep understanding of theoretical concepts, coupled with his ability to apply them effectively to practical challenges, makes him a standout researcher. His proactive approach to problem-solving, keen analytical mindset, and ability to explore advanced topics beyond the standard curriculum showcase his dedication to continuous learning and improvement.

I have no doubt that Mr. Michalski's technical expertise, collaborative spirit, and commitment to innovation will make him an invaluable asset in any research or professional setting. His proven track record of delivering high-quality results, combined with his leadership abilities, positions him as an outstanding candidate for any team pushing the boundaries of cutting-edge computing technologies, and I am confident he will excel in any future endeavours.

Sincerely,

PhD Marek Woda