*To Prof. Gon-Woo Kim,*

*Vice Dean, College of Electrical & Computer Engineering*

*Intelligent Robots Lab. (IRL)*

*Chungbuk National University*

21/03/2023

Dear Prof. Gon-Woo Kim,

I am Trieu, a software engineer in FPT Software, Vietnam. I am writing to you to showcase my interest in applying the combined (MS/PHD) programme at Chungbuk National University within your research lab. I am keen to become your student because I heard your great reputation and I also believe that the research topic in your lab is well-matched with my academic and work experience. In fact, I heard about you and your lab from my brother before as he also obtained his PhD at CBNU last year in Information and Communication Engineering department. My brother has inspired me and mentored me to pursuit a higher degree in Korea.

As you can see from my enclosed CV, I received my BS degree in Electronics & Telecommunication Engineering from Da Nang University of Technology and Science (top engineering university in central of Vietnam) in 2022. I have been working for FPT Software (one of the biggest software companies in Vietnam) since 06/2021. I have knowledge of embedded, sensor, autonomous systems and machine learning. I am familiar with computer algorithms, and I can program well in C++ and Python. I understand that SLAM is the main research topic in your lab; thus, I am currently studying this technology every day. You can see more in my research plan. I am confident that within 4 months, I can equip sufficient knowledge to immediately work in projects of your lab. Moreover, my brother has prepared and guided me on how to become a graduate research student. I have learned about searching papers, reading papers, finding problems, analyzing and solving problems. Therefore, I believe that I can quickly adapt with the new research environment and significantly contribute to your projects.

I can work under pressure to meet the deadline of company project. I consider myself as a responsible, reliable and hard-working person. I understand that achieving an outstanding result is non-trivial, but I believe that it is worth the effort. Since I have been attended a Korean church for more than 3 years, I can communicate well in English as well as understand part of Korean culture. I am eager and willing to learn new knowledge, expand my skills, and collaborate with lab mates to complete projects and make great achievements.

I hope that this letter has given you some insight into my dedication to my learning and that you will consider my application. Thank you in advance for your time reviewing my resume. I look forward to hearing from you.

Yours sincerely,

Trieu Phan