**FORM 3. Statement of Purpose**

*This form is required for applicants in the Master’s or Doctoral program ONLY.*

*Please type in Korean or in English. The statement of purpose must be single spaced with no more than TWO pages, with the font* ***Times New Roman****, size 10. (\*10 points)*

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| Goal of study &Study Plan |  *o Goal of study, title or subject of research, and detailed study plan* |
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| My study in Korea will be focusing developing the personal computer application software (like JAWS or NVDA) to be a mobile app that is more practical to be used for blind person. So, the blind people are able to use a mobile phone for getting the accessibility in learning process such as reading a book using their mobile. The study area of this research is mostly in artificial intelligent, programming language, software engineering, algorithm, and computer vision. Additional knowledge that needed related to the research is receiver operating characteristic (performance analysis), big data system, natural language processing, and machine learning.In pursuing the study, I plan to finish it within three years. In the first semester, I am going to focus on study Korean language and culture. Although I am focusing study Korean in my second semester, I plan to prepare my research by communicate it with my professor in the last two month before finishing Korean study. In the next six month which is September 2018 – February 2019, I am going to focus on strengthening my fundamental knowledge and reading relevant reference related to my research topic through four courses which are Programming Language, Machine Learning, Computer Vision, and Natural Language Processing. In the next semester, I am going to deepen my knowledge by taking Advance Programming Language, Advance Software Engineering, and Advance Algorithms. Besides taking a course, I also plan to attend in several conferences and seminars that related to my research topic both in national and international level and start to learn how to write a paper. In this semester, I have planned to join in a laboratory to do some research projects in which many projects had been investigated and both local and international papers had been published related to my topic. Thus, it is the best place to do my research and to write my first publication paper where an intent communication with my advisor will be needed. In the fifth semester, I plan to do more published paper, join in seminars and conferences, and start doing my research. In the last semester, I am going to focus and work hard in finishing my final research to accomplish my study. During my time in Korea, I have planned to get involved in various communities inside or outside campus to help me getting along with Korean’s life, such as PERPIKA (Indonesia Student Association in Korean) and academic society inside the campus. PERPIKA is outside community which has various activities such as writing skill training, social activities, and festival that help me to get along with other Indonesian, Korean, and International students and communities. I plan to join a study club or an academic society inside the campus which studies algorithm, software development, programming language, and data structures that not only helps me to improve my programming skills but also gives me a chance to gain a valuable experience in participating various activities both national and international programs of its community. In addition, I plan to take an internship program in blind people rehabilitation to observe deeply about the necessary improvement of the mobile application program. Those are my strategies to obtain my master degree within three years in Korea.  |
| Future Planafter Study |  *o Future plan in Korea or another country after study in Korea* |
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| In the future, I want to be a university lecturer and researcher that specialized in the software development for visually disabled people in Indonesia. I realized that being a university researcher will broaden my opportunity to continue my research into a higher level and also to apply it directly to the people who are in need of it. I also want to continue my involvement in blind people rehabilitation such as Persatuan Tuna Netra Indonesia (PERTUNI - Blind People Rehabilitation and Association of Indonesia) where I can apply my works and cooperate with them in developing a better technology for blind people. After having years of experience in this field, I also want to continue my study in higher degree which will give me a chance to conduct a broader or deeper research related to my field of study. |