

Project Topic: Using AI to support (serious) ESL development for North Korean Refugee acclimation to broader South Korean society.

For North Korean Refugees, one major obstacle for acclimation into South Korean culture is the recognition and use of English loanwords in combination with the Korean language. There are several online services that help language learners learn English. One of the most popular tools is Duolingo. While Duolingo is effective to help with pronunciation and sentence mastery, it seems that it is not as effective for helping learn vocabulary for speaking. Another effective option is private tutoring or cram school, but the cost of these services make them difficult for everyone to use. There have been advancements in AI technologies which have shown that AI experiences can be personalized and can be a good tool to help with learning languages. Students have reacted positively to the usage of AI robots when learning Chinese and it has been shown that AI is also able to choose curriculum based on students' needs.