

Building a personalized programming tutor system using large language models.

Luu Sy Truong

Abstract: In the context of rapidly developing information technology, the demand for personalized programming learning is increasing. This topic focuses on building a personalized programming tutoring system based on a large language model to help users effectively improve their programming skills. Through theoretical and experimental research, the topic aims to propose an optimal solution to help learners access programming knowledge more accurately and quickly. The expected results will provide personalized suggestions for each learner based on natural language analysis, thereby enhancing learning performance.

Keywords: Tutoring system, Large language model, Personalized programming