

## 2024 Optimizing software development with LLM

Motivated undergraduate students are encouraged to apply for an exciting research opportunity of using Large Language Models (LLMs) to enhance and optimize the software development process. Qualified students should have high level of curiosity, strong interest in inquiry-based learning. Ideally student should have a bit familiarity about software development process, good communication and writing skills.

Application material should include the following:

Part 1: (maximum 1-page single space)

Carry out a brief literature survey and write down your understanding of the software development process including the potential problems.

Part 2: (maximum 1-page single space):

1. Explain what most interests you about this project
2. Describe how you can contribute to this research
3. Briefly describe your career interest or long-term goals post-Willamette.

Submit applications materials and as at attachment via email to [hcheng@willamette.edu](mailto:hcheng@willamette.edu) with a title "SCRIP Application"