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Date of Birth: 03/07/2007

Machine Learning Research Context + Contribution

In the summer of 2023, a few close friends and I came together to research knowledge feeding into Large Language Models (LLMs) in the hopes of making them more efficient. The research was done online using virtual code editors and Jupyter notebooks with added GPU computation. We have been working on this project since the summer of 2023 and have been trying to publish it for a few months now. We are currently in the conditional approval stage of the journal, ACM Transactions on Intelligent Systems and Technology, with a likely publication after their internal processes. Regarding the workload of the project, I did about 40%.

We didn't have any mentors. I asked a few people for advice regarding methodology questions, but there were no external contributions to the research. The three of us worked as a team.

First Author: Santosh Kumar

Second Author: Me


Third Author: Supriya Devadutta

Fourth Author: Karthikeyan S (mainly helped with the publication process)

DOI Link (published pre-print version on arXiv): doi.org/10.48550/arXiv.2502.05233

Screenshot of Conditional Acceptance email from ACM TIST journal

[ACM TIST], TIST-2024-12-0933, Minor Revision External Inbox x Print Share

 **Transactions on Intelligent Systems and Technology** <onbehalf@manuscriptcentral.com>
to me, sthanikamsanthosh1994, tsharma, supriyadevidutta.ml8, gita.delsing, yogalakshmi.m ▾
17-Dec-2024 Dec 17, 2024, 10:16 PM Star Reply More

Dear Mr. Rishi Gottimukkala:

Manuscript TIST-2024-12-0933 entitled "Efficient Knowledge Feeding to Language Models: A Novel Integrated Encoder-Decoder Architecture" which you submitted to the Transactions on Intelligent Systems and Technology, has been reviewed. The comments of the reviewer(s) are included at the bottom of this letter.

I have received the reviews and the recommendation from the Associate Editor on your paper and I conclude that the paper can be conditionally accepted in its present form, but requires a minor revision and re-review.

If you decide that you would like to make minor revisions, please read the reviews carefully and upload your revised manuscript within three months of today's date (due date: 17-Mar-2025).

Please follow the procedure below for resubmitting your manuscript.

- (1) Once you have revised your manuscript, go to <https://mc.manuscriptcentral.com/tist> and login to your Author Center.
- (2) Click on "Manuscripts with Decisions," and then click on "Create a Resubmission" located next to the manuscript number.
- (3) Follow the steps for resubmitting your manuscript.

In addition to your revised manuscript, please also include a document entitled "Responses to Reviewers' Comments" that explains how individual comments and suggestions of the Reviewers were incorporated into the revised manuscript. You can also include a document entitled "Summary of Differences" that describes the differences from the previous version.

Thank you for submission to the Transactions on Intelligent Systems and Technology and I look forward to receiving your revision.

Sincerely,

Huan Liu
Editor in Chief, Transactions on Intelligent Systems and Technology
Homepage: <http://www.public.asu.edu/~huanliu/>