

Publications

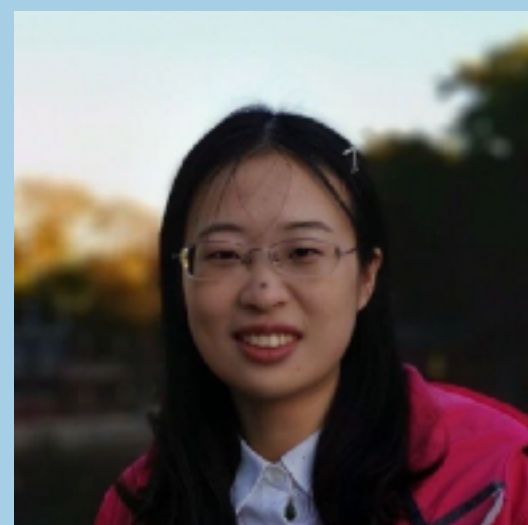
- **A. Xu**, W. Monroe, K. Bicknell, “Large language model augmented exercise retrieval for personalized language learning,” in *Proc. Conf. on Learning Analytics and Knowledge (LAK)*, Kyoto, March 2024. (Aim 4 work)
- **A. Xu**, A. D. McRae, J. Wang, M. A. Davenport, A. Pananjady, “Perceptual adjustment queries and an inverted measurement paradigm for low-rank metric learning,” in *Proc. Conf. on Neural Information Processing Systems (NeurIPS)*, New Orleans, December 2023. (Aim 2 work)
- **A. Xu**, M. I. Vasileva, A. Dave, A. Seshadri, “HandsOff: Labeled dataset generation with no additional human annotations,” in *Proc. Conf. on Computer Vision and Pattern Recognition (CVPR)*, Vancouver, June 2023. **Highlight Award.** (Aim 3 work)
- **A. Xu** and M. A. Davenport, “Simultaneous Preference and Metric Learning from Paired Comparisons,” in *Proc. Conf. on Neural Information Processing Systems (NeurIPS)*, Online, December 2020. **Spotlight Presentation.** (Aim 1 work)
- N. Nadagouda, **A. Xu**, M. A. Davenport, “Active metric learning and classification using similarity queries,” in *Proc. Conf. on Uncertainty in Artificial Intelligence (UAI)*, Pittsburgh, July 2023.
- A. McRae, **A. Xu**, J. Jin, N. Nadagouda, N. Ahad, P. Guan, S. Karnik, M. A. Davenport, “Delta Distancing: A lifting approach to localizing items from user comparisons,” in *Proc. IEEE Int. Conf. on Acoustics, Speech, and Signal Processing (ICASSP)*, Singapore, May 2022.

Collaborators!

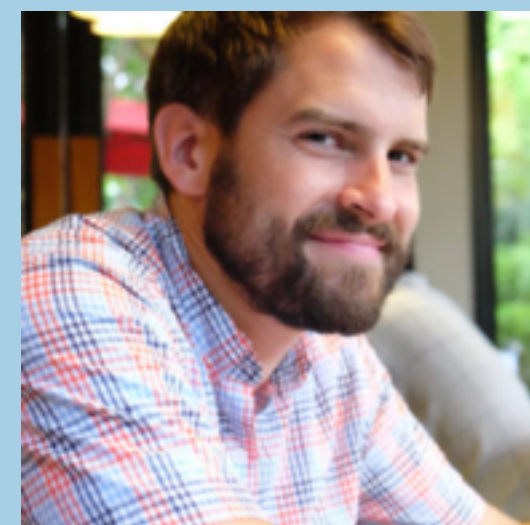
Aim 2



Andrew McRae
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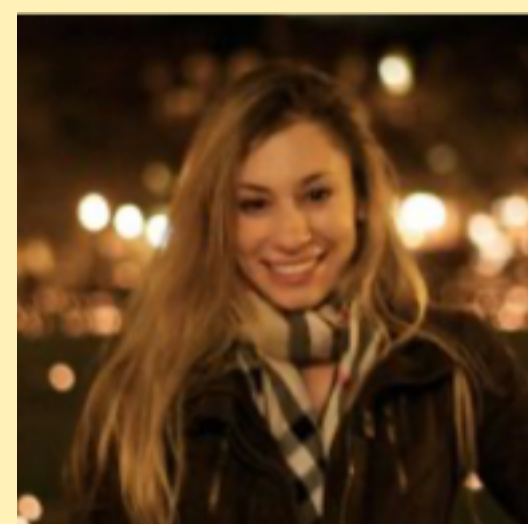


Will Monroe
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Aim 3



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Aim 4