

Biography: Yan Xia is a Principal Research SDE Lead at Microsoft Research Asia. His research interests include natural language processing, speech AI, and large foundation models. Over the past several years, he has worked on AI systems for conversational AI, speech recognition and synthesis, AI education, and search.

Currently, his team focuses on four main research directions: multimodal reasoning, speech recognition and speech synthesis, efficient large language models through quantization and inference acceleration, and multi-agent collaboration for solving complex tasks.

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