

Xiao Song

CONTACT INFORMATION	<i>E-mail:</i> xiaos@emails.bjut.edu.cn <i>Telephone:</i> +86 18810779353	<i>Address:</i> Chaoyang, Beijing, China, 100124 <i>Homepage:</i> https://smuze.netlify.app/
RESEARCH INTERESTS	Natural Language Processing and its combination with Computer Vision and Healthcare, including Radiology Report Generation and Image Captioning.	
EDUCATION	Beijing University of Technology , Beijing, China. September 2020 – Present <ul style="list-style-type: none">• M.Eng, in Computer Science and Technology, GPA: 3.85/4.• Advisor: Xiaodan Zhang University of Jinan , Jinan, Shandong, China. September 2016 – June 2020 <ul style="list-style-type: none">• B.Eng, in Computer Science and Technology, GPA: 3.48/4.• Advisor: Lixin Du	
HONORS AND AWARDS	Academic Excellence Scholarship (Second-Class, Top 10%), Beijing University of Technology, 2020-2021. Outstanding Graduates of University of Jinan, 2020. Mathematics Competition of Chinese College Students (First Prize), 2019.	
RESEARCH EXPERIMENT	Internship , Stanford University. August 2022 – present Advisor: Liangqiong Qu <ul style="list-style-type: none">• Federated Learning on Multi-modality Postgraduate , Beijing University of Technology. September 2020 – present Advisor: Xiaodan Zhang <ul style="list-style-type: none">• Xiao Song, Xiaodan Zhang, Junzhong Ji, Ying Liu, Pengxu Wei. Cross-modal Contrastive Attention Model for Medical Report Generation. COLING Oral. 2022.• Xiao Song, Xiaodan Zhang, Junzhong Ji, Ying Liu. Multi-scale Superpixel based Hierarchical Attention Model for Brain CT Classification. (accepted by ChinaMM2022 and recommended to JVCIR, in reviewing.)• 冀俊忠(Junzhong Ji), 张梦隆(Menglong Zhang), 宋晓(Xiao Song), 张晓丹(Xiaodan Zhang). 基于多尺度超像素融合网络的脑 CT 图像分类方法(Multi-scale Superpixel based Fusion Network for Brain CT Classification). (accepted by China Sciencepaper.)• 张晓丹(Xiaodan Zhang), 宋晓(Xiao Song), 冀俊忠(Junzhong Ji). 一种基于跨模态对比注意力机制的医学报告自动生成方法(A Method for Automatic Medical Report Generation based on Cross-modal Contrastive Attention Mechanism). (CN202210563429.6, first trial) Undergraduate , University of Jinan. September 2016 – June 2020 Advisor: Lixin Du <ul style="list-style-type: none">• A class roll call system based on face recognition. (Shandong University Student Artificial Intelligence Competition, Second-Prize, Fourth Place)• A portal game based on Unity. (Shandong University Student Software Design Competition, Second-Prize)	
SKILLS	<ul style="list-style-type: none">• Language: Python, C++, C, Latex, PHP, HTML, Java, SQL.• Deep Learning Frameworks: Pytorch.	