RuiZhi Wang

(+86) 17861013331 ● reniewong979@gmail.com ● https://reniewong.github.io/

Education

Hebei University of Technology, Tianjin, China   09/2021 – 06/2024 (expected)
M.S. in Electronic Information, GPA: 3.86/4

Qufu Normal University, Shandong, China   09/2017 – 07/2021
B.Eng. in Automation, GPA: 3.28/4

Publications & Manuscripts

Conference Papers

- **MvCo-DoT: Multi-View Contrastive Domain Transfer Network for Medical Report Generation** [PDF]
  Ruizhi Wang, Xiangtao Wang, Zhenghua Xu*, Wenting Xu, Junyang Chen, and Thomas Lukasiewicz.
  ICASSP, 2023
- **MPS-AMS: Masked Patches Selection and Adaptive Masking Strategy Based Self-Supervised Medical Image Segmentation** [PDF]
  Xiangtao Wang, **Ruizhi Wang**, Tian Biao, Jiaojiao Zhang, Shuo Zhang, Thomas Lukasiewicz, and Zhenghua Xu*.
  ICASSP, 2023.

Journal Papers

- **Hybrid Reinforced Medical Report Generation with M-Linear Attention and Repetition Penalty** [PDF]
  Zhenghua Xu*, Wenting Xu, **Ruizhi Wang***, Junyang Chen, Chang Qi, and Thomas Lukasiewicz.
  Revision Submitted to Journal of TNNLS.
- C^2**M-DoT: Cross-modal consistent multi-view medical report generation with domain transfer network** [PDF]
  Ruizhi Wang, Xiangtao Wang, Jie Zhou, Zhenghua Xu*, and Thomas Lukasiewicz.
  Submitted to MIA.
- **AMLP: Adaptive Masking Lesion Patches for Self-supervised Medical Image Segmentation** [PDF]
  Xiangtao Wang, **Ruizhi Wang**, Jie Zhou, Zhenghua Xu*, and Thomas Lukasiewicz.
  Submitted to MIA.

Experience

Intelligent Healthcare and Big Data Team, Hebei University of Technology   *Sept. 2021 – Present*
Graduate Research   Supervisor: Prof. Zhenghua Xu
Multi-modal and Image captioning

Selected Honors

- National Scholarship (top 1%)   2023
- 1st place, Graduate Academic Scholarship of Class 1 (top 10%)   2022
- Merit Student (top 10%)   2022
- Outstanding Graduates (top 10%)   2021
- Academic Individual Scholarship (top 5%)   2020
- The Second Prize Scholarship (top 10%)   2019
- The Third Prize Scholarship (top 20%)   2018

Selected Awards

- Bronze Prize, the 8th National Undergraduate Biomedical Engineering Innovation Design Competition   2023
- Bronze Prize, the 7th National Undergraduate Biomedical Engineering Innovation Design Competition   2022

Skills

Tools and Frameworks: Git, LaTeX, PyTorch, TensorFlow