

JUNRU CHEN

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EDUCATION

Zhejiang University

Aug. 2020 - present

Ph.D. in Computer Science and Technology

Advisor: Yang Yang

Zhejiang University

Aug. 2016 - Jul. 2020

Bachelors in Statistics and Computer Science and Technology

RESEARCH INTERESTS

Machine learning for healthcare, large-scale time series analysis, human-centered AI and any interesting topics and cutting-edge technology.

PUBLICATIONS

Zhizhang Yuan, Daoze Zhang, **Junru Chen**, Gefei Gu and Yang Yang. Brant-2: Foundation Model for Brain Signals. arXiv preprint, 2024.

Daoze Zhang, Zhizhang Yuan, Yang Yang, **Junru Chen**, Jingjing Wang and Yafeng Li. Brant: Foundation Model for Intracranial Neural Signal. In Proceedings of the 37th Conference on Neural Information Processing Systems (NeurIPS'23), 2023.

Donghong Cai*, **Junru Chen***, Yang Yang, Teng Liu, and Yafeng Li. MBrain: A Multi-channel Self-Supervised Learning Framework for Brain Signals. In Proceedings of the 29th ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD'23), 2023. (*: equal contribution).

Junru Chen, Yang Yang, Tao Yu, Yingying Fan, Xiaolong Mo, and Carl Yang. BrainNet: Epileptic Wave Detection from SEEG with Hierarchical Graph Diffusion Learning. In Proceedings of the 28th ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD'22), 2022.

Jiarong Xu, Yang Yang, **Junru Chen**, Xin Jiang, Chunping Wang, Jiangang Lu, and Yizhou Sun. Un-supervised Adversarially Robust Representation Learning on Graphs. In Proceedings of the 34th AAAI Conference on Artificial Intelligence (AAAI'22), 2022.

SELECTED ACHIEVEMENTS AND AWARDS

Outstanding Graduate Student of the Year , Zhejiang University	<i>2021,2023</i>
Outstanding Undergraduate of Zhejiang University , Zhejiang University	<i>2020</i>
First Prize Scholarship for Outstanding Students , Zhejiang University	<i>2019</i>
Excellent Student Cadre , Zhejiang University	<i>2019</i>

ACADEMIC SERVICES

Invited speaker of SMP	<i>2023</i>
Program committee member of KDD	<i>2021-2023</i>
Program committee member of TNNLS	<i>2023</i>
Program committee member of TBD	<i>2022-2023</i>