

# JUNRU CHEN

♠ E-mail: jrchen\_cali@zju.edu.cn ♠ Homepage: <https://mrnobodycali.github.io/>

♠ Mobile: (+86)13306520739 ♠ Address: Zhejiang University, Hangzhou, Zhejiang, 310027, China

## EDUCATION

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**Zhejiang University** *Aug. 2020 - Jul. 2025*

Ph.D. in Computer Science and Technology

Advisor: Yang Yang

**Zhejiang University** *Aug. 2016 - Jul. 2020*

Dual Bachelors in Statistics and Computer Science and Technology

## RESEARCH INTERESTS

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

## PUBLICATIONS

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**Junru Chen**, Tianyu Cao, et al. "Con4m: Context-aware Consistency Learning Framework for Segmented Time Series Classification". NeurIPS'24.

Fanzhe Fu, **Junru Chen**, et al. "Are Synthetic Time-series Data Really not as Good as Real Data?". arXiv 2024.

Daoze Zhang, Zhizhang Yuan, **Junru Chen**, et al. "Brant-X: A Unified Physiological Signal Alignment Framework". KDD'24.

Zhizhang Yuan, Daoze Zhang, **Junru Chen**, et al. "Brant-2: Foundation Model for Brain Signals". arXiv 2024.

Daoze Zhang\*, Zhizhang Yuan\*, Yang Yang, **Junru Chen**, et al. "Brant: Foundation Model for Intracranial Neural Signal". NeurIPS'23. (\*: equal contribution)

Donghong Cai\*, **Junru Chen**\*, et al. "MBrain: A Multi-channel Self-Supervised Learning Framework for Brain Signals". KDD'23. (\*: equal contribution)

**Junru Chen**, Yang Yang, et al. "BrainNet: Epileptic Wave Detection from SEEG with Hierarchical Graph Diffusion Learning". KDD'22.

Jiarong Xu, Yang Yang, **Junru Chen**, et al. "Unsupervised Adversarially Robust Representation Learning on Graphs". AAAI'22.

## SELECTED ACHIEVEMENTS AND AWARDS

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**Outstanding Graduate Student of the Year**, Zhejiang University *2021, 2023*

**Outstanding Undergraduate of Zhejiang University**, Zhejiang University *2020*

**First Prize Scholarship for Outstanding Students**, Zhejiang University *2019*

**Excellent Student Cadre**, Zhejiang University *2019*

## ACADEMIC SERVICES

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Program committee member of NeurIPS *2024*

Invited speaker of SMP *2023*

Program committee member of KDD *2021-2023*

Program committee member of TNNLS *2023*

Program committee member of TBD *2022-2023*