

# Pengxin Zeng

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**Research Interests:** Multi-view Learning, Unsupervised Learning

## Educational Experience

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- 2021-now

M.Phil. in College of Computer Science , Sichuan University
  - Supervisors: **Prof. Xi Peng** and **Prof. Peng Hu**
- 2017-2021

B.Eng. in College of Software Engineering, Sichuan University
  - Nominee for Outstanding Graduate Award.
  - Member of innovation class.

## Publications

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- [1]

**Pengxin Zeng**, Yunfan Li, Peng Hu, Dezhong Peng, Jiancheng Lv, Xi Peng\*, Deep Fair Clustering via Maximizing and Minimizing Mutual Information: Theory, Algorithm and Metric[J]. IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2023. [Paper]
- [2]

**Pengxin Zeng**, Mouxing Yang, Changqing Zhang, Peng Hu, Xi Peng\*, Semantic Invariant Multi-view Clustering with Fully Incomplete Information. IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI), under review. [arXiv]

## Applied Patents

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Xi Peng, **Pengxin Zeng**, Yunfan Li, Xiaoyu Yang, Fair Clustering Method for Batch-effect in Automatic Gene Sequencing, CN115424665A, substantial examination.

## Academic Activities

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Valse 2021, Poster. XAI Beyond Classification: Interpretable Neural Clustering

## Miscellaneous

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**Mathematics:** Calculus (4.0/4.0) | Linear Algebra (4.0/4.0) | Probability Statistics (4.0/4.0) | University Physics (4.0/4.0)

**Computer Science:** Computer Organization and Architecture (4.0/4.0)

Programming Contest Training (4.0/4.0) | Programming Fundamentals (4.0/4.0)

Programming Practice (4.0/4.0) | Digital Logic: Application and Design (4.0/4.0)