

## SHUWEN CHAI

### EDUCATION

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Northwestern University

Evanston, IL

Major: Computer Science, Ph.D.

September 2022 – present

- GPA: **4.00 /4.00**

Renmin University of China

Beijing, China

Major: Statistics, Bachelor of Science

September 2018 – July 2022

- GPA: **3.80/4.00**

The University of Hong Kong

Hong Kong, China

School of Science (Exchange Student)

January 2021 – June 2021

- GPA: **4.15/4.30**

### PUBLICATIONS & MANUSCRIPTS (\*EQUAL CONTRIBUTION)

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1. Pan Du, Suyun Zhao, Hui Chen\*, Shuwen Chai\*, Hong Chen, Cuiping Li. Contrastive Coding for Active Learning under Class Distribution Mismatch. ICCV 2021.
2. Shuwen Chai, Hui Guo, Boyu Wang, Feng Liu, Grace Yi. Differentially Private Multi-Source Domain Adaptation. Manuscript.
3. Pan Du, Hui Chen, Suyun Zhao, Shuwen Chai, Hong Chen, Cuiping Li. Contrastive Active Learning under Class Distribution Mismatch. IEEE Transactions on Pattern Analysis and Machine Intelligence. 2022.
4. Shuwen Chai, Jinghui Chen. One-shot Neural Backdoor Erasing via Adversarial Weight Masking. NeurIPS 2022

### WORKING PAPERS

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5. Shuwen Chai, Miklos Racz. Efficient Graph Matching for Correlated Stochastic Block Models.
6. Shuwen Chai, Sophia Pi, Miklos Racz. Theoretical Behaviors of Label Propagation Algorithm on Stochastic Block Models.

### TEACHING

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- **Teaching Assistant**, Introduction to Theory of Computation, Northwestern University (2023 Fall)
- **Teaching Assistant**, The Practice of Market Research, Renmin University of China (2022)
- **Teaching Assistant**, Introduction to Machine Learning, Renmin University of China (2021)

### PERSONAL INTERESTS

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- Piano and Classical Music, Golf, Basketball, Frisbee.