

# YUN LI

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## EDUCATION

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### Master of Science in Computer Science

2016.09 - Now

Intelligent Information Processing Group, Nanjing University.

### Bachelor of Science in Computer Science Major with Finance Minor

2012.09 - 2016.06

Department of Computer Science and Technology, Nanjing University.

## RESEARCHES

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### Pattern Match Queries for Spatial Database

2017.4 - 2018.3

- “Evaluating Pattern Matching Queries for Spatial Databases”[J], *VLDB Journal*, 2018. [under review]

- Introduced two new problems of spatial pattern match, and proposed four solutions
- Conducted extensive experiments and evaluated the proposed algorithms.
- Accomplished paper draft.

- “On Spatial Pattern Matching”[C], *ICDE*, 2018. [[online demo](#)]

- Implemented basic solutions and conducted experiments.

### Short-text Topic Discovery

2016.9 - 2018.9

- “Constructing Pseudo Documents with Semantic Similarity for Short Text Topic Discovery”[C], *ICONIP*, 2018.

- Participated in designing the algorithms, implemented solutions, do the experiments, and revised the paper.

- “Exploiting Global Semantic Similarity Biterms for Short-text Topic Discovery”[C], *ICTAI*, 2018.

- Implemented algorithms, do the experiments and revised the paper.

- “Utilizing Recurrent Neural Network for Topic Discovery in Short Text Scenarios”[J], *Intelligent Data Analysis*, 2019. [to appear]

- Proposed new problems, designed and implemented algorithms, and conducted the experiments.

### Exploiting Communities in Large Profiled Graphs

2017.10 - 2018.2

- “Exploring Communities in Large Profiled Graphs”[J], *TKDE*, 2018.

- Participated in designing the advanced algorithm and revised the paper.

## SELECTED HONORS

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First Prize of Academic Scholarships.

2016, 2017

Second Prize of People's Scholarship Award

2015

Outstanding Student, CST Dept.

2015, 2014

Excellent League Member Award, NJU

2014

## SKILLS

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Being familiar with Java, Python, C++ and Matlab

Being familiar with open-source framework including Hadoop and TensorFlow

Participating in a lot of software development and acting as leader in most cases

IELTS: 7.5

## PUBLICATIONS AND SUBMISSIONS

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- Yixiang Fang, **Yun Li**, Reynold Cheng, Nikos Mamoulis, Gao Cong. “Evaluating Pattern Matching Queries for Spatial Databases”[J], *VLDB Journal*, 2018. [under review]
- Yixiang Fang, Reynold Cheng, Gao Cong, Nikos Mamoulis, **Yun Li**. “On Spatial Pattern Matching”[C], *ICDE*, 2018. [[online demo](#)]
- Hengyang Lu, **Yun Li**, Chi Tang, Chongjun Wang and Junyuan Xie. “Constructing Pseudo Documents with Semantic Similarity for Short Text Topic Discovery”[C], *ICONIP*, 2018.
- Hengyang Lu, Gaojian Ge, **Yun Li**, Chongjun Wang and Junyuan Xie. “Exploiting Global Semantic Similarity Biterms for Short-text Topic Discovery”[C], *ICTAI*, 2018.
- Hengyang Lu, Ning Kang, **Yun Li**, Qianyi Zhan, Junyuan Xie, Chongjun Wang. “Utilizing Recurrent Neural Network for Topic Discovery in Short Text Scenarios”[J], *Intelligent Data Analysis*, 2019. [to appear]
- Yankai Chen, Yixiang Fang, Reynold Cheng, and **Yun Li**, Xiaojun Chen, Jie Zhang. “Exploring Communities in Large Profiled Graphs”[J], *TKDE*, 2018.