

## RESEARCH INTERESTS

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- **Natural Language Processing**

Document Classification, Summarization, Information Retrieval and Text Mining

- **Graph Mining**

Graph Neural Network, Heterogeneous Graph

## EDUCATION

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**Florida State University**

Ph.D. in Computer Science

Advisor: Jiawei Zhang

Tallahassee

2019–Current

**Georgia Institute of Technology**

M.S. in Computational Science

M.S. in Electrical and Computer Engineering

Atlanta

2016–2018

**University of Illinois, Urbana and Champaign**

B.E. in Electrical Engineering

Urbana

2014–2016

## EXPERIENCE

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**Kidswant Company**

Data Mining Research Intern

Extract lifecycle rules for different class of products and improved the recommendation system.

Developed data visualization tool with Django and Pyecharts to present data dynamically.

Nanjing

Summer 2018

**Accessibility Solutions and Research Center**

E-text MathML Production Assistant

Developed E-text materials in MathML team.

Atlanta

Fall 2016

## PUBLICATIONS

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- [1] **Zhang, Haopeng** and J. Zhang, “Text graph transformer for document classification”, *Proceedings of the 2020 Conference on Empirical Methods in Natural Language Processing (EMNLP)*, 2020.
- [2] J. Zhang, **Zhang, Haopeng**, L. Sun, and C. Xia, “Graph-bert: Only attention is needed for learning graph representations”, *arXiv preprint arXiv:2001.05140*, 2020.
- [3] **Zhang, Haopeng** and J. Zhang, “Code completion with structure augmented transformer”, *under review*, 2019.

## SCHOLARSHIPS AND AWARDS

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- Adelaide D. Wilson Graduate Fellowship Endowment Fund 2019
- Russell E. Berthold Scholarship 2015

## TEACHING

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- **Teaching Assistant** at Florida State University Fall 2019, Fall 2020  
*Theory and Structure of Databases (COP4710)*
- **Teaching Assistant** at Florida State University Spring 2020  
*Complexity and Analysis of Data Structures and Algorithms (COP4531)*

## SKILLS

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- **Programming:** Python, JAVA, LATEX
- **Deep Learning Platform:** Pytorch, DGL