

## RESEARCH INTERESTS

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- **Natural Language Processing**

Summarization, Text mining

- **Graph Mining**

Graph Neural Network, Heterogeneous graph representation

## EDUCATION

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**University of California, Davis (continued)**

Ph.D. in Computer Science

Advisor: Dr. Jiawei Zhang

Davis

2021–present

**Florida State University**

Ph.D. in Computer Science

Advisor: Dr. Jiawei Zhang

Tallahassee

2019–2021

**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

## PUBLICATIONS

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- [1] **Zhang, Haopeng**, S. Yavuz, W. Kryściński, K. Hashimoto, and Y. Zhou, “Improving the faithfulness of abstractive summarization via entity coverage control”, *ARR review*, 2021.
- [2] **Zhang, Haopeng** and J. Zhang, “Centrality meets centroid: A graph-based approach for unsupervised document summarization”, *arXiv preprint arXiv:2103.15327*, 2021.
- [3] **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.
- [4] 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.
- [5] **Zhang, Haopeng** and J. Zhang, “Code completion with structure augmented transformer”, *under review*, 2019.

## EXPERIENCE

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**Salesforce Research**

Research Intern (Mentor: Semih Yavuz, Yingbo Zhou)

Worked on addressing entity level abstractive summarization hallucination, controllable summary generation, and completed one research paper.

Remote

Summer 2021

## Kidswant Company

Data Mining Research Intern

Nanjing

Summer 2018

Worked on extracting lifecycle rules for different classes of products and improved the recommendation system; Developed tool with Django and Pyecharts for dynamic data visualization.

## Accessibility Solutions and Research Center

E-text MathML Production Assistant

Atlanta

Fall 2016

Developed E-text materials in MathML team.

## SCHOLARSHIPS AND AWARDS

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- FSU Travel Award 2020
- 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, Huggingface