

# PEI CHEN

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## EDUCATION

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**Ph.D. Candidate in Computer Science** 2019.8 - now

- Research Areas: Natural Language Processing, especially Information Extraction;
- Research Interests: Fine-grained Opinion Mining, Named Entity Recognition, Event Extraction;
- Overall GPA: 4.0/4.0 till now.

*Texas A&M University*

**MS in Finance** 2016.9 – 2018.6

- Thesis: Does News Sentiment Predict the Stock Market? An Example on Chinese Growth Market;
- Received 2017 National Scholarship for Graduate Student;
- Overall GPA: 3.9/5.0, ranking 1/178.

*Southwestern University of Finance and Economics*

**B.Engr. in Simulation Engineering** 2010.9 – 2014.6

- Thesis: Analyze the multi-resolution modeling technology of a simulation system;
- Overall GPA 88.61/100, ranking 1/45.

*National University of Defense Technology*

## EXPERIENCE

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**Tecent AI Lab** 2021.6 – 2021.8  
*NLP Researcher (Intern)* *Seattle, U.S.*

Working on Knowledge Fusion and Representation.

**National Lab of Pattern Recognition, Chinese Academy of Sciences** 2018.1 – 2019.8  
*Research Engineer* *Beijing, China*

Working on event extraction and causality detection from financial domain texts.

**Innovation Lab of Global Exchange, State Street** 2017.7- 2018.1  
*Data Analyst (Intern)* *Hangzhou, China*

Working on data tidging, analysis, and visualization for innovative financial applications.

## PUBLICATIONS

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One short paper about Knowledge Base Completion is still under review (first author).

**Pei Chen**, Haotian Xu, Cheng Zhang, and Ruihong Huang. “Crossroads, Buildings and Neighborhoods: a Dataset for Fine-grained Location Recognition”. NAACL-2022, long paper, to appear.

**Pei Chen**, Haibo Ding, Jun Araki, and Ruihong Huang. “Explicitly Capturing Relations between Entity Mentions via Graph Neural Networks for Domain-specific Named Entity Recognition.” ACL-2021, short paper, acceptance rate: 21.2%.

**Pei Chen**, Kang Liu, Yubo Chen, Taifeng Wang, and Jun Zhao. “Probing into the Root: A Dataset for Reason Extraction of Structural Events from Financial Documents.” EACL-2021, short paper, acceptance rate: 24.7%.

**Pei Chen**, Hang Yang, Kang Liu, Ruihong Huang, Yubo Chen, Taifeng Wang, and Jun Zhao. “Reconstructing Event Regions for Event Extraction via Graph Attention Networks.” AACL-2020, long paper, acceptance rate: 28.3%.