PEI CHEN

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EDUCATION

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

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 tiding, analysis, and visualization for innovative financial applications.

PUBLICATIONS

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%.