CV - Yutong Shao

1. Personal Information

Name: Yutong Shao
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Email: yshao <at> eng.ucsd.edu

2. Education

09/2018 - (now)   Computer Science and Engineering Department, UC San Diego
    Degree: Ph.D. (in progress)
    Major: Computer Science (GPA: 4.0/4.0)
    Advisor: Prof. Ndapa Nakashole

09/2014 - 07/2018   School of Electronics Engineering and Computer Science, Peking University
    Degree: B.S., with honor
    Major: Computer Science (GPA: 3.73/4.0; ranking: 5/190)
    Advisor: Prof. Zhi-Hong Deng

3. Work History

2022	Applied scientist intern, Amazon Alexa	Seattle, Washington
2021	Research scientist intern, Megagon Labs	Mountain View, California
2017	Research intern, University of Edinburgh	Edinburgh, Scottland, UK

4. Publications

[1] Y. Shao, A. K. Kumar, N. Nakashole. Database-aware ASR Error Correction for Speech-to-SQL Parsing, ICASSP 2023.

[2] Y. Shao, N. Bhutani, S. Rahman, E. Hruschka. Low-resource Entity Set Expansion on User-generated Text, NAACL 2022 (Findings). (Work done during internship at Megagon Labs)

[3] Y. Shao, N. Nakashole. ChartDialogs: Plotting from Natural Language Instructions, ACL 2020.

[4] Y. Shao, R. Sennrich, B. L. Webber, and F. Fancellu. Evaluating machine translation performance on Chinese idioms with a blacklist method, LREC 2018. (Work done during internship at University of Edinburgh)

5. Other Academic Experience

(1) Multi-document Product Review Summarization, applied scientist internship at Amazon Alexa AI, 2022.
(2) Exploring Domain Adaptability for Sentiment Classification Models, open-ended course project, 2018.
(3) Stock Price Prediction Based on Deep Learning, Bachelor thesis under the supervision of Prof. Zhi-Hong Deng, Spring 2018.
(4) Automatic Headline Generation based on Deep Learning, undergraduate research program under the supervision of Prof. Zhi-Hong Deng, Autumn 2017.
(5) SemEval Contest, Task 1 (Semantic Textual Similarity), Autumn 2016, ranked 8 out of 32 in the En-En subtask.

6. Honors

2017   Merit Student, Peking University

2017   Outstanding Undergraduate Research Project, Peking University

2017   The Third Prize, ACM Campus Contest, Peking University

2016   TP-Link Scholarship, Peking University

2016   The Third Prize, ACM Campus Contest, Peking University

2015   Suzhou Industrial Park Scholarship, Peking University

2015   The Second Prize, ACM Campus Contest, Peking University

2015   The Second Prize, "Jiangzehan" Mathematical Modeling Contest, Peking University

7. Technical Skills

Proficient Programming Language: Python, Java, C++
Proficient Software & Packages: PyTorch, AllenNLP, Matplotlib, Amazon MTurk

8. Teaching Experience

- TA for course "Statistical Natural Language Processing" (CSE 256) at UCSD, Spring 2023.
- TA for course "Recommender Systems and Web Mining" (CSE 158) at UCSD, Winter 2023.
- TA for course "Topics in Computer Science & Engineering: Advanced Statistical NLP (Research)" (CSE 291) at UCSD, Winter 2021.
- TA for course "Algorithm Design and Analysis" (Discussion Sessions) at Peking University, 2017.