

# CV - Yutong Shao

## 1. Personal Information

Name: Yutong Shao

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## 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, Scotland, 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, "Jiangzhehan" Mathematical Modeling Contest, Peking University

## 7. Technical Skills

Proficient Programming Language: Python, Java, C++

Proficient Software & Packages: PyTorch, Matplotlib, Amazon MTurk, Allennlp

## 8. Extracurricular Activities

2022 TA for course "Recommender Systems and Web Mining" (CSE 158) at UCSD.

2021 TA for course "Topics in Computer Science & Engineering: Advanced Statistical NLP (Research)" (CSE 291) at UCSD.

2017 TA for course "Algorithm Design and Analysis" at Peking University.

2015 Participated in the National Youth Competition of Contract Bridge (U25 group) on the Beijing Team, ranked 6th.

2014 Participated in the "The Freshman Cup" and "Peking University Cup" of Contract Bridge in Peking University, and both won the champion.

## 9. Personal Interests

Go (Weiqi / Baduk) – Ranking: 5 Dan (China), 5D (AGA)

Contract bridge

Boardgames (in general, especially Euro games)

Table tennis