NAIHAO DENG

dnaihao@umich.edu

EDUCATION

Rackham School in University of Michigan, Michigan   *2023 - 2027*
PhD student, *Computer Science*

Rackham School in University of Michigan, Michigan   *2020 - 2022*
Master's, *Computer Science*

Engineering Department in University of Michigan, Michigan   *2018 - 2020*
Undergraduate, *Computer Science*

Shanghai Jiao Tong University, Shanghai   *2016 - 2018*
Undergraduate, *Electrical and Computer Engineering*

PUBLICATIONS

(* = equal contribution)

[1] You Are What You Annotate: Towards Better Models through Annotator Representations

Naihao Deng, Siyang Liu, Xinliang Frederick Zhang, Winston Wu, Lu Wang, Rada Mihalcea.

Findings of EMNLP 2023.

[2] Enhancing Long-form Text Generation in Mental Health with Task-adaptive Tokenization

Siyang Liu, **Naihao Deng**, Sahand Sabour, Yilin Jia, Minlie Huang, Rada Mihalcea.

EMNLP 2023.

[3] Hi-ToM: A Benchmark for Evaluating Higher-Order Theory of Mind Reasoning in Large Language Models

Yufan Wu*, Yinghui He*, Yilin Jia, Rada Mihalcea, Yulong Chen, **Naihao Deng**.

Findings of EMNLP 2023.

[4] Adaptable Claim Rewriting with Offline Reinforcement Learning for Effective Misinformation Discovery

Ashkan Kazemi*, Artem Abzaliev*, **Naihao Deng**, Rui Hou, Davis Liang, Scott A Hale, Verónica Pérez-Rosas, Rada Mihalcea.

IJCNLP-AACL 2023.

[5] Recent Advances in Text-to-SQL: A Survey of What We Have and What We Expect

Naihao Deng, Yulong Chen, Yue Zhang.

COLING 2022 oral.

[6] In-the-Wild Video Question Answering

Santiago Castro*, **Naihao Deng***, Pingxuan Huang*, Mihai G. Burzo and Rada Mihalcea.

COLING 2022 oral.

[7] Analyzing the Effects of Annotator Gender Across NLP Tasks

Laura Biester, Vanita Sharma, Ashkan Kazemi, **Naihao Deng**, Steven Wilson, Rada Mihalcea.

The First Workshop Workshop on Perspectivist Approaches to NLP at LREC 2022.

[8] AUTOSQL: Question Auto-Completion for Text-to-SQL

Naihao Deng*, Shuaichen Chang*, Peng Shi, Tao Yu, Rui Zhang.

The First Workshop on Natural Language Processing for Programming at ACL-IJCNLP 2021.

HOSTED CHALLENGES

[1] Dialogsum Challenge: Results Of The Dialogue Summarization Shared Task

Naihao Deng*, Yulong Chen*, Yang Liu, Yue Zhang.

Challenge Report at INLG 2022.

[2] The Cross-lingual Conversation Summarization Challenge

Yulong Chen*, Ming Zhong*, Xuefeng Bai*, **Naihao Deng**, Jing Li, Xianchao Zhu, Yue Zhang.

Challenge at INLG 2022.

PRE-PRINTS

[1] EASE: An Easily-Customized Annotation System Powered by Efficiency Enhancement Mechanisms

Naihao Deng*, Yikai Liu*, Mingye Chen*, Winston Wu, Siyang Liu, Yulong Chen, Yue Zhang, Rada Mihalcea.

[2] A PhD Student's Perspective on Research in NLP in the Era of Very Large Language Models

Oana Ignat*, Zhijing Jin*,..., **Naihao Deng**, et al.

PROFESSIONAL SERVICE

Program Committee Member, *SUKI 2022 workshop at NAACL 2022*	*2022*
Reviewer, *LREC 2022*	*2022*
Session chair, 2021 Engineering Research Symposium, University of Michigan	*2021*

EXPERIENCE

Research Assistant, LIT group at University of Michigan *with Rada Mihalcea*	*2023 - Present*
Research Assistant, Westlake University *with Yue Zhang*	*2022*
Visiting Scholar, University of Michigan	*2022*
Research Assistant, LIT group at University of Michigan *with Rada Mihalcea*	*2021 - 2022*
Visiting Student, Penn State University *with Rui Zhang*	*2020 - 2022*
Software Engineer Intern, Deepfield in Nokia	*2019*

TEACHING EXPERIENCE

Graduate Student Instructor, *EECS 486: Information Retrieval*, University of Michigan *with Rada Mihalcea*	*2022*
Student Instructor, *VE230: Magnetics*, Shanghai Jiao Tong University *with Nana Liu*,	*2020*

VOLUNTEER SERVICE

Presenter, CSE's Discover Engineering workshop, University of Michigan	*2023*
Coordinator, Friday AI Night	*2023*
Video Editor, Westlake online NLP course	*2022*
Graduate Study Mentor, University of Michigan	*2021*
Computer Consultant, Duderstadt Library, University of Michigan	*2019 - 2020*
Volunteer, UM concession, Ann Arbor, MI	*2019*
Volunteer teacher, Yunnan, China	*2018*

ACTIVITIES AND HONORS

James B. Angell Scholar	University of Michigan	*2020 & 2021*
Dean's Honor List	University of Michigan	*2018 & 2019*
University Honor	University of Michigan	*2018 & 2019 & 2020*
Scholarship for volunteer teaching in Yunnan	Shanghai Jiao Tong University	*2018*