

Yichen Jiang

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Education

University of North Carolina at Chapel Hill

PHD IN COMPUTER SCIENCE, ADVISED BY PROF. MOHIT BANSAL

Chapel Hill, NC
Aug. 2019 - Exp. May. 2023

University of North Carolina at Chapel Hill

M.S. IN COMPUTER SCIENCE, ADVISED BY PROF. MOHIT BANSAL

Chapel Hill, NC
Aug. 2018 - May. 2019

University of North Carolina at Chapel Hill

B.S. IN COMPUTER SCIENCE, OVERALL GPA: 3.86, MAJOR GPA: 3.95, GRADUATED WITH THE HIGHEST HONOR.

Chapel Hill, NC
Aug. 2014 - May. 2018

Publication

- 2021 **Anonymous Submission to NAACL 2021** Mexico City, Mexico
Yichen Jiang, et al.
- 2020 **HoVer: A Dataset for Many-Hop Fact Extraction And Claim Verification** Remote
Yichen Jiang, Shikha Bordia, Zheng Zhong, Charles Dognin, Maneesh Singh and Mohit Bansal, *EMNLP 2020*
- 2019 **Self-Assembling Modular Networks for Interpretable Multi-Hop Reasoning** Hong Kong, China
Yichen Jiang and Mohit Bansal, *EMNLP 2019*
- 2019 **Avoiding Reasoning Shortcuts: Adversarial Evaluation, Training, and Model Development for Multi-Hop QA** Florence, Italy
Yichen Jiang and Mohit Bansal, *ACL 2019*
- 2019 **Explore, Propose, and Assemble: An Interpretable Model for Multi-Hop Reading Comprehension** Florence, Italy
Yichen Jiang, Nitish Joshi, Yen-chun Chen and Mohit Bansal, *ACL 2019*
- 2018 **Closed-book Training to Improve Summarization Encoder Memory** Brussels, Belgium
Yichen Jiang and Mohit Bansal, *EMNLP 2018*

Research Experience

UNC-NLP

RESEARCH ASSISTANT

Chapel Hill, NC
Aug. 2017 - PRESENT

- Built interpretable Neural Network models to tackle some of the most challenging language tasks like summarization and QA.
- Published several academic papers in NLP conferences including ACL and EMNLP.

Work Experience

Microsoft Research AI

RESEARCH INTERN + CONTRACTOR, ADVISED BY DR. ASLI CELIKYILMAZ AND DR. PAUL SMOLENSKY

Redmond, WA (Remote)
May. 2020 - Nov. 2020

- Worked to improve and analyze transformer architecture on summarization tasks.

Verisk Analytics

RESEARCH INTERN, ADVISED BY DR. MANEESH SINGH

Jersey City, NJ
May. 2019 - Aug. 2019

- Constructed a many-hop fact retrieval and fact verification dataset HoVer, published at EMNLP 2020.
- Worked on NLP-related data analysis research projects in Verisk AI, providing better NLP solutions to Verisk's customers.

Emerging Technology Lab, School of Media and Journalism, UNC

SOFTWARE ENGINEER & AI APP DEVELOPER

Chapel Hill, NC
Aug. 2017 - May. 2018

- Developed a chatbot with IBM Watson, which could answer questions regarding news in North Carolina coastal area centered at Wilmington.

Other Activities

Department of Computer Science Open Day

VOLUNTEER / PRESENTER

Chapel Hill, NC
Sep. 2018

- Volunteer at the Department Open day and demo my research project to high school students.

Peer Reviewer

MRQA WORKSHOP AT EMNLP 2019, ETC

- Reviewing papers for NLP-related conferences.

Chapel Hill, NC

Sept. 2019 - Present

Skills

PROGRAMMING

- Proficient with programming languages including Python, Javascript, Java, and C.
- Proficient with Deep Learning Deep Learning Libraries including Tensorflow and PyTorch.