Yichen **Jiang**

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Education

University of North Carolina at Chapel Hill   *Chapel Hill, NC*

M.S. in Computer Science   *Aug. 2018 - Exp. May. 2019*

University of North Carolina at Chapel Hill   *Chapel Hill, NC*

B.S. in Computer Science, Overall GPA: 3.86, Major GPA: 3.95   *Aug. 2014 - May. 2018*

- Graduated with the Highest Honor.

Publication

First Author / Co-author

2018 · **Closed-book Training to Improve Summarization Encoder Memory**   *Brussels, Belgium*
Yichen Jiang and Mohit Bansal, *Proceedings of EMNLP 2018* (pdf)

Research Experience

UNC-NLP   *Chapel Hill, NC*

Research Assistant   *Aug. 2017 - PRESENT*

- Published paper "Closed Book Training to Improve Summarization Encoder" on proceedings of EMNLP 2018, in which I propose a 2-decoder architecture to generate summarization with more salient information. It significantly improves upon a strong pointer-generator baseline.
- (Work in Progress) My work on Multi-hop machine-reading dataset WikiHop currently ranks 2nd on the leaderboard. Pre-print will be available soon.
- (Work in Progress) Dynamic, data-specific Neural Architecture Search to study modular and interpretable neural models for Multi-task Learning and Multi-hop Reasoning.

Related Experience

Emerging Technology Lab, School of Media and Journalism, UNC   *Chapel Hill, NC*

Software Engineer & AI App Developer   *Aug. 2017 - May. 2018*

- Developed a chatbot with IBM Watson, which could answer questions regarding news in North Carolina coastal area centered at Wilmington.
- The chatbot operates on IBM Bluemix Nodejs server, and communicate with users via Facebook Messenger API. The chatbot uses Natural Language Understanding services from IBM Watson to provide users with news of interest.

Department of Computer Science, UNC   *Chapel Hill, NC*

Software Engineer   *Aug. 2016 - May. 2017*

- Developed a UNC Basketball tickets exchange system as a term project. Constructed the entire front and back end using HTML, Javascript, PHP, etc.
- Implemented a fully functional Unix Shell with low-level Unix/POSIX system calls related to process and job control, file access, pipes and redirection.

UNC Information Technology Services   *Chapel Hill, NC*

Student Consultant   *Oct. 2016 - May. 2018*

- Responsible for troubleshooting computer issues for students, faculty, and staff, primarily software validation, installation and troubleshooting, data backup and other issues regarding UNC informational technological system.

Extracurricular Activity

UNC Chinese Student Graduation Celebration   *Chapel Hill, NC*

Banquet Manager   *Jan. 2018 - May 2018*

- Organized a graduation banquet for UNC seniors and their families coming from China.
- Coordinate with Sheraton Chapel Hill to arrange the dinner, stage, audios, etc.