

YANG TRISTA CAO

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EDUCATION

University of Maryland, College Park

Ph.D Computer Science

Focus: Natural Language Processing

August 2018 - Present

Overall GPA: 3.81

Bryn Mawr College

Bachelor's of Arts degree in Computer Science

Concurrent major in Mathematics at Haverford College

August 2014 - May 2018

Overall GPA: 3.72

PUBLICATIONS

Toward Gender-Inclusive Coreference Resolution

Yang Trista Cao, Hal Daumé III

Association for Computational Linguistics (ACL) 2020

Controlling the Specificity of Clarification Question Generation

Yang Trista Cao, Sudha Rao, Hal Daumé III

Proceedings of the 2019 Workshop on Widening NLP

OTHER RESEARCH PROJECTS

Grammatical Error Suggestion for Second Language Learning

Built a grammatical error suggestion system for ESL people, where it takes a sentence and the learner's native language and output where the learner is most likely to make grammatical errors.

Influence of ArXiv Submission on Paper Acceptance with Causal Inference

Studied whether uploading paper on arXiv before conference submission can influence paper acceptance to computer science conferences with causal inference techniques.

User Behaviour Bias Affected by Dataset Bias

Analyzed how dataset bias will affect user behavioral bias in the analytic process, and user bias in decision-making with the COMPAS dataset.

TEACHING EXPERIENCE

Teaching Assistant

Introduction to Artificial Intelligence, CMSC 421

Computational Linguistics I, CMSC 723

Introduction to Machine Learning, CMSC 422

Discrete Math, CMSC 250

Fall 2020

Fall 2019

Spring 2019

Fall 2018

AWARDS AND SCHOLARSHIPS

Deans Fellowship, University of Maryland, 2018-2020.

TECHNICAL SKILLS

Languages

Python, Java, C++, C, Haskell, Matlab, R

Technologies

PyTorch, Scikit-learn, NLTK, Git, LATEX