Michelle Yuan

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Background

University of Maryland — *College Park, MD*
Ph.D. in Computer Science — *2017-2022*

Cornell University — *Ithaca, NY*
B.A. in Mathematics — *2013-2017*
Minor in Computer Science
Honors: *cum laude*

Citizenship — *United States*

Industry

Amazon — *New York, NY*
Applied Scientist — *2022-Present*

Adobe — *College Park, MD*
Document Intelligence Research Intern — *Summer 2021*

Appier — *Taipei, Taiwan*
Machine Learning Science Intern — *Summer 2020*

ASAPP — *New York, NY*
Machine Learning Research Intern — *Summer 2019*

Academia

Computational Linguistics and Information Processing Lab — *University of Maryland*
Graduate Research Assistant — *2018-Present*
Advisor: Jordan Boyd-Graber

Human Language Technology Center of Excellence — *Johns Hopkins University*
Graduate Research Assistant — *2018-Present*
Advisor: Benjamin Van Durme

Computational Learning Lab — *National Taiwan University*
Visiting Research Student — *2019-2020*
Host: Hsuan-Tien Lin

Teaching

University of Maryland, Dept. of Computer Science — *College Park, MD*
Teaching Assistant
CMSC 250: Discrete Structures — *Fall 2017*

Cornell University, Dept. of Computer Science — *Ithaca, NY*
Teaching Assistant
CS 4820: Introduction to Analysis of Algorithms — *Fall 2016*
CS 4786/5786: Machine Learning for Data Science — *Spring 2017*

Awards

Dean's Fellowship, University of Maryland *2017-2019*
Dean's List, Cornell University *2013-2017*

Publications

1. **Michelle Yuan**. **Transfer Learning in Natural Language Processing through Interactive Feedback**. *PhD Thesis, University of Maryland*, 2022.

2. **Michelle Yuan**, Patrick Xia, Chandler May, Benjamin Van Durme, and Jordan Boyd-Graber. **Adapting Coreference Resolution Models through Active Learning**. *Association for Computational Linguistics*, 2022.

3. **Michelle Yuan**, Hsuan-Tien Lin, and Jordan Boyd-Graber. **Cold-start Active Learning through Self-Supervised Language Modeling**. *Empirical Methods for Natural Language Processing*, 2020.

4. **Michelle Yuan***, Mozhi Zhang*, Benjamin Van Durme, Leah Findlater, and Jordan Boyd-Graber. **Interactive Refinement of Cross-Lingual Word Embeddings**. *Empirical Methods for Natural Language Processing*, 2020.

5. **Michelle Yuan**, Benjamin Van Durme, and Jordan Boyd-Graber. **Multilingual Anchoring: Interactive Topic Modeling and Alignment Across Languages**. *Neural Information Processing Systems*, 2018.

Invited Talks

1. **Active Learning and Refining Representations for NLP:** HLTCOE Tech Exchange, 2021
2. **Interactive, Multilingual Topic Modeling:** Appier, 2020

Service

Reviewing
Reviewer for *ICML* *2022*
Reviewer for *ICML* (top), *EMNLP* *2021*
Reviewer for *ACL*, *EMNLP* (outstanding) *2020*
Secondary Reviewer for *JMLR* *2020*
Secondary Reviewer for *ACL*, *EMNLP*, *AAAI* *2019*

Mentoring
Mentor for CS Graduate Student Executive Council *2021-2022*
Mentor for Computational Linguistics Information Processing Lab *2020-2022*

Skills

Software Python, MATLAB, Java, C/C++, OCaml, Julia, HTML/CSS/JS, LaTeX, git, bash
Languages English (native), Chinese (fluent), Spanish (conversational)

Activities

Camel Mountain Climbing Association — *Taiwan*
Club Member — *2006-Present*

Terp Wushu — *University of Maryland*
Advisor — *2018-2019*

Wushu Club — *Cornell University*
President — *2016-2017*