

Ruixiang Cui

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Address: Lyngbyvej 2, Copenhagen 2100, Denmark

EDUCATION

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|---|---------------------------------|
| University of Copenhagen | Denmark |
| PhD in Natural Language Processing | Jan. 2021 - Present |
| Supervisors: Daniel Hershcovich, Anders Søgaard | |
| Stanford University | United States |
| Visiting Researcher | Mar. 2023 - May 2023 (Expected) |
| Supervisor: Christopher Potts | |
| University of Copenhagen | Denmark |
| MSc in IT and Cognition | Sept. 2018 - Oct. 2020 |
| Jilin University | China |
| BA in Hispanic Philology | Sept. 2014 - Jun. 2018 |
| Complutense University of Madrid | Spain |
| Exchange Program | Sept. 2016 - Jun. 2017 |

PUBLICATIONS

Ruixiang Cui, Rahul Aralikkatte, Heather Lent, Daniel Hershcovich. 2022. *Compositional Generalization in Multilingual Semantic Parsing over Wikidata*. Transactions of the Association for Computational Linguistics (TACL).

Ruixiang Cui, Daniel Hershcovich, Anders Søgaard. 2022. *Generalized Quantifiers as a Source of Error in Multilingual NLU Benchmarks*. North American Chapter of the Association for Computational Linguistics (NAACL).

Stephanie Brandl, **Ruixiang Cui**, Anders Søgaard. 2022. *How Conservative are Language Models? Adapting to the Introduction of Gender-Neutral Pronouns*. North American Chapter of the Association for Computational Linguistics (NAACL).

Daniel Hershcovich, Stella Frank, Heather Lent, Miryam de Lhoneux, Mostafa Abdou, Stephanie Brandl, Emanuele Bugliarello, Laura Cabello Piqueras, Ilias Chalkidis, **Ruixiang Cui**, Constanza Fierro, Katerina Margatina, Phillip Rust, Anders Søgaard. 2022. *Challenges and Strategies in Cross-Cultural NLP*. Annual Meeting of the Association for Computational Linguistics (ACL).

Ruixiang Cui, Daniel Hershcovich. 2021. *Great Service! Fine-grained Parsing of Implicit Arguments*. International Conference on Parsing Technologies (IWPT).

Ruixiang Cui, Daniel Hershcovich. 2021. *Meaning Representation of Numeric Fused-Heads in UCCA (extended abstract)*. ACL Workshop on Understanding Implicit and Underspecified Language.

Ruixiang Cui, Daniel Hershcovich. 2020. *Refining Implicit Argument Annotation for UCCA*. COLING Workshop on Designing Meaning Representations.

Ofir Arviv, **Ruixiang Cui**, Daniel Hershcovich. 2020. *HUJI-KU at MRP 2020: Two Transition-based Neural Parsers*. CoNLL Shared Task on Cross-Framework Meaning Representation Parsing.

EXPERIENCE

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| Industrial and Commercial Bank of China | China |
| Data Analyst Intern | Jun. 2016 – Sept. 2016 |

SKILLS

Programming Languages: Python, Java, SQL, SPARQL, LaTeX, Visual Basic, Perl

Frameworks and Tools: PyTorch, Keras, SciPy, Scikit-learn, NumPy, Matplotlib, Pandas, NLTK, OpenCV, Git, grep, Excel, Tableau

Natural Languages: Mandarin Chinese (Native), English (Full professional), Spanish (Professional), Danish (Limited working), Portuguese (Limited working), Italian (Elementary)

TEACHING

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| • Introduction to Machine Learning, University of Copenhagen | 2021 |
| • Database Design, University of Copenhagen | 2021 |
| • Spanish Grammar, Jilin University | 2018 |

HONORS & AWARDS

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| • First Prize Scholarship, Jilin University | 2016 |
| • Excellent Student Leader & Second Prize Scholarship, Jilin University | 2015 |

HOBBIES

Spanish Guitar, Russian Literature, Brazilian Music, Electronic Music Producer, World Heritage Traveller