Rheeya Uppaal

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EDUCATION

University of Wisconsin-Madison	Doctor of Philosophy in Computer Science	2022-Present
University of Massachusetts, Amherst	Master of Science in Computer Science	2017-19
Symbiosis Institute of Technology	Bachelor of Technology in Computer Science	2013-17
SELECTED RESEARCH EXPERIENCE		
UW Madison		Madison, 2022-Present
Research Assistant, under Prof Junjie Hu		
Goldman Sachs CoreAl		New York City, 2019 – 2021
Research Engineer, under Dr Vijay Saraswa	t	
UMass Amherst		Amherst, 2018-2020
Researcher, under Prof Andrew McCallum of	and Prof Madalina Fiterau	
Microsoft Research Montreal		Remote, February-July 2018
Research mentee, under Dr Timothy Hazen		
Indian Institute of Technology Madras		Chennai, January-May 2016
Research Intern, under Prof Balaraman Rav	indran	

SELECTED PUBLICATIONS

- How Useful is Continued Pre-Training for Generative Unsupervised Domain Adaptation? Preprint, 2024.
- Is Fine-tuning Needed? Pre-trained Language Models Are Near Perfect for Out-of-Domain Detection. In the 61st Annual Meeting of the Association for Computational Linguistics (ACL), 2023. [Talk] [Media coverage]
- Evolving Domain Adaptation of Pretrained Language Models for Text Classification. In the Workshop on Distribution Shifts: New Frontiers with Foundation Models at the Thirty-seventh Conference on Neural Information Processing Systems (NeurIPS), 2023.
- Long Document Summarization in a Low Resource Setting using Pretrained Language Models. In the Student Workshop at the Joint Conference of the 59th Annual Meeting of the Association for Computational Linguistics and the 11th International Joint Conference on Natural Language Processing (ACL-IJCNLP), 2021.
- Overcoming Practical Issues of Deep Active Learning and its Applications on Named Entity Recognition. In European Conference
 on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML-PKDD), 2020 (Journal Track).
- LRS-DAG: Low Resource Supervised Domain Adaptation with Generalization Across Domains. In the New in ML Workshop at the Thirty-third Conference on Neural Information Processing Systems (NeurIPS), 2019. [Talk]
- Multi-resolution Attention with Signal Splitting for Multivariate Time Series Classification. In the Time Series Workshop at The Thirty-sixth International Conference on Machine Learning (ICML), 2019.

SELECTED AWARDS AND SERVICE

- Winner, UW Madison First-year CS Departmental Scholarship, 2022.
- Winner, Karamveer Chakra Award (instituted by iCONGO and the United Nations), 2021.
- Winner, Young Leaders Creating a Better World for ALL Award at Women Economic Forum 2019, for supporting the education
 of underprivileged school aged girls.
- Teaching: Taught and co-wrote the lecture on Parameter Efficient Fine-tuning in UW Madison's CS 769: Advanced Natural Language Processing, Fall 2023. Co-wrote multiple lectures UW Madison's CS 220: Introduction to Data Science Programming.
- Reviewing: ACL Rolling Review (2022-), AKBC (2022), ACL (2020), ACM Student Research Competition at GHC (2019)
- Mentoring: ML-X Machine Learning Marathon (2023), UW Madison ACM-W Year Long Mentorship Program (2022-), UMass Amherst MS Clusters (2021), UMass Industrial Independent Study, 2020 (representing Goldman Sachs), UMass CS Women (2018-19), UMass Women in Engineering Careers (2018), Google Summer of Code (2016).
- Service: Worked with the NGOs 'Swacch', 'Goonj' and 'ALL' to tackle multiple social and environmental issues, including
 organising charity donations and welfare activities.

TECHNICAL SKILLS: Languages: Python | Deep Learning Frameworks: PyTorch, TensorFlow