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EDUCATION

University of Illinois at Urbana-Champaign Doctor of Philosophy (Ph.D.) Library and Information Science Aug 2013 - I Thesis: Information extraction from digital social trace data with applications to social media and so	
Indian Institute of Technology Kharagpur Bachelors and Masters in Science Mathematics and Computing Jul 2007 - I Thesis: Analysis of Social Media Data to determine Positive and Negative Influential Nodes in the N	
EXPERIENCE	
Twitter, Inc., United States of America Senior Machine Learning Researcher, Content Understanding Research Machine Learning Researcher, Content Understanding Research Intern, Content Understanding & Applied Deep Learning Jul 2018 -	Dec 2021
Citrix, Bangalore, India Software Engineer, NetScaler INFRA Team Jul 2012 -	Jul 2013
Barclays Capital, Singapore Global Technology Analyst, Commodities May 2011 -	Jul 2011
Global Venture Lab, Finland Lead Web Developer Dec 2009 -	Jan 2010
National University of Singapore, Singapore Research Assistant at Institute of Systems Science May 2009 -	Jul 2009
Academic Honors & Awards	
Best Poster Award - UIUC Student Poster Session Best student paper award - ASIST SIGMET Workshop Graduate Teacher Certificate University of Illinois GIS Day Runner-up (Research Quality) Kishore Vaigyanik Protsahan Yojana Scholar	Oct 2021 Mar 2020 Nov 2018 May 2018 Nov 2017 2007-2012 Dec 2006
TEACHING	DCC 2000
Tutorial presenter, Multiple venues Tutorial on hands on advanced machine learning for information extraction from tweets tasks, data, source tools. Details at: https://socialmediaie.github.io/tutorials/	
	ring 2018
Teaching Assistant - Network Analysis, As part of the Information Science and Engineering Summer Program organized for Chinese students sponsored by Global Education and Training (GET)	mer 2017 s,
Teaching Assistant - Foundations of Information Processing Sp	ring 2017 Fall 2016
Projects	
Multilingual Language Model Pretraining via Translation Pair Prediction LMSOC: An Approach for Socially Sensitive Pretraining Image Crop Analysis Social Media Information Extraction WikiCSSH - Computer Science Subject Headings from Wikipedia Profiling authors and articles based on novelty, expertise and self-citation ConText - Tool for extracting and analyzing network data from text Entity Extractor using CRF and Deep Learning SAIL - Sentiment Analysis and Incremental Learning	2021 2021 2021 2019 2020 2016 2013 2014 2014
SentiNets - Identification of enthusiastic supporters of social causes using text and network analysis Pend Leter. Chromo extension with 10,000 Lyapor with 4.5/5 rating	2014

2012

ReadLater - Chrome extension with 10,000+ users with 4.5/5 rating

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- Mishra, S., & Haghighi, A. (2021). Improved Multilingual Language Model Pretraining for Social Media Text via Translation Pair Prediction. *Proceedings of the Seventh Workshop on Noisy User-generated Text* (W-NUT 2021), 381–388.
- Mishra, S., Prasad, S., & Mishra, S. (2021). Exploring Multi-Task Multi-Lingual Learning of Transformer Models for Hate Speech and Offensive Speech Identification in Social Media. SN Computer Science, 2(2), 72. https://doi.org/10.1007/s42979-021-00455-5
- Yee, K., Tantipongpipat, U., & Mishra, S. (2021). Image Cropping on Twitter: Fairness Metrics, their Limitations, and the Importance of Representation, Design, and Agency. *Proceedings of the ACM on Human-Computer Interaction*, 5(CSCW2), 1–24. https://doi.org/10.1145/3479594
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- Mishra, S. (2020b). Non-neural Structured Prediction for Event Detection from News in Indian Languages. In P. Mehta, T. Mandl, P. Majumder, & M. Mitra (Eds.), Working notes of fire 2020 forum for information retrieval evaluation. CEUR Workshop Proceedings, CEUR-WS.org.
- Mishra, S., & Collier, D. (2020). A Framework for Generating Annotated Social Media Corpora with Demographics, Stance, Civility, and Topicality. SSRN Electronic Journal. https://doi.org/10.2139/ssrn.3757554
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- Mishra, S., & Mishra, S. (2020b). Scubed at 3C task B A simple baseline for citation context influence classification. *Proceedings of the 8th International Workshop on Mining Scientific Publications*, 65–70.
- Mishra, S., Prasad, S., & Mishra, S. (2020). Multilingual Joint Fine-tuning of Transformer models for identifying Trolling, Aggression and Cyberbullying at TRAC 2020. Proceedings of the Second Workshop on Trolling, Aggression and Cyberbullying, 120–125.
- Parulian, N. N., Lu, T., Mishra, S., Avram, M., & Diesner, J. (2020). Effectiveness of the Execution and Prevention of Metric-Based Adversarial Attacks on Social Network Data †. *Information*, 11(6), 306. https://doi.org/10.3390/info11060306
- Avram, M. V., Mishra, S., Parulian, N. N., & Diesner, J. (2019). Adversarial perturbations to manipulate the perception of power and influence in networks. 2019 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining, 986–993.
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- Mishra, S., & Diesner, J. (2019). Capturing Signals of Enthusiasm and Support Towards Social Issues from Twitter. Proceedings of the 5th International Workshop on Social Media World Sensors SIdEWayS'19, 19–24. https://doi.org/10.1145/3345645.3351104
- Mishra, S., & Mishra, S. (2019). 3Idiots at HASOC 2019: Fine-tuning Transformer Neural Networks for Hate Speech Identification in Indo-European Languages. *Proceedings of the 11th annual meeting of the Forum for Information Retrieval Evaluation*, 208–213.
- Mishra, S., & Diesner, J. (2018). Detecting the Correlation between Sentiment and User-level as well as Text-Level Meta-data from Benchmark Corpora. *Proceedings of the 29th on Hypertext and Social Media HT '18*, 2–10. https://doi.org/10.1145/3209542.3209562
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- Mishra, S., & Diesner, J. (2016). Semi-supervised Named Entity Recognition in noisy-text. *Proceedings of the* 2nd Workshop on Noisy User-generated Text (WNUT), 203–212.
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- Mishra, S., Diesner, J., Byrne, J., & Surbeck, E. (2015). Sentiment Analysis with Incremental Human-in-the-Loop Learning and Lexical Resource Customization. *Proceedings of the 26th ACM Conference on Hypertext & Social Media HT '15*, 323–325. https://doi.org/10.1145/2700171.2791022
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