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EDUCATION

University of Illinois at Urbana-Champaign Doctor of Philosophy (Ph.D.) Library and Information Science Thesis: Information extraction from digital social trace data with applications to so communication data	Aug 2013 - May 2020 cial media and scholarly
Indian Institute of Technology Kharagpur Bachelors and Masters in Science Mathematics and Computing Thesis: Analysis of Social Media Data to determine Positive and Negative Influentia	Jul 2007 - May 2012 al Nodes in the Network
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	Jan 2022 - Present Aug 2019 - Dec 2021 Jul 2018 - Sep 2018
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	
Impact Recognition Award - CSCW 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 3rd rank in Regional Mathematics Olympiad, Uttar Pradesh, India	Oct 2021 Mar 2020 Nov 2018 May 2018 Nov 2017 2007-2012 Dec 2006
TEACHING	
Tutorial presenter, Multiple venues Tutorial on hands on advanced machine learning for information extraction from tw source tools. Details at: https://socialmediaie.github.io/tutorials/	Sep 2019 - Current veets tasks, data, and open
Co-instructor - Network Analysis Teaching network analysis applications on social media data using python.	Spring 2018
Teaching Assistant - Network Analysis, As part of the Information Science and Engineering Summer Program organized for sponsored by Global Education and Training (GET)	Summer 2017 Chinese students,
Teaching Assistant - Foundations of Information Processing Co-instructor - Data Mining Applications Listed in Teachers Ranked as Excellent By Their Students!	Spring 2017 Fall 2016
Projects	
Improved candidate generation for Home Timeline and Notifications at Twitter NTULM: Enriching Social Media Text Representations with Non-Textual Units - Productionized Entity Linking for Tweets 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	2022 2022 2022 2021 2021 2021 2019 2020 2016
Entity Extractor using CRF and Deep Learning SAIL - Sentiment Analysis and Incremental Learning	2014 2014

 SAIL - Sentiment Analysis and Incremental Learning

2014

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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.
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