

Nitish Gupta

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<https://nitishgupta.github.io>

Research Interests

Natural Language Processing – Question Answering and Semantic Parsing

Education

- 2015-2021
(expected) Ph.d., Computer Science
University of Pennsylvania
(Transferred from University of Illinois Urbana-Champaign in 2017)
Thesis: Compositional and Modular models for Reasoning over Text
Advisor: Dan Roth and Sameer Singh
- 2015 B.Tech-M.Tech Dual Degree in Electrical Engineering
IIT Kanpur
Advisor: Harish Karnick

Publications

- ACL '20 Obtaining Faithful Interpretations from Compositional Neural Networks. **Nitish Gupta***, Ben Bogin*, Sanjay Subramanian*, Tomer Wolfson, Sameer Singh, Jonathan Berant, Matt Gardner.
- ACL '20 Overestimation of Syntactic Representation in Neural Language Models. Jordan Kodner, **Nitish Gupta**.
- ICLR '20 Neural Module Networks for Reasoning over Text. **Nitish Gupta**, Kevin Lin, Dan Roth, Sameer Singh, Matt Gardner.
- AAAI '20 Robust Named Entity Recognition with Truecasing Pretraining. Stephen Mayhew, **Nitish Gupta**, Dan Roth.
- EMNLP '18 Neural Compositional Denotational Semantics for Question Answering. **Nitish Gupta**, Mike Lewis.
- EMNLP '18 Joint Multilingual Supervision for Cross-lingual Entity Linking. Shyam Upadhyay, **Nitish Gupta**, Dan Roth.
- EMNLP '17 Entity Linking via Joint Encoding of Types, Descriptions, and Context. **Nitish Gupta**, Sameer Singh, Dan Roth.
- COLING '16 Revisiting the Evaluation for Cross Document Event Coreference. Shyam Upadhyay, **Nitish Gupta**, Christos Christodoulopoulos, Dan Roth.

Pre-prints

- arXiv '20 Evaluating NLP Models via Contrast Sets. Matt Gardner et al. (among a group of 26 authors)
- ArXiv '15 Collectively Embedding Multi-Relational Data for Predicting User Preferences. **Nitish Gupta**, Sameer Singh. *Won the Yelp Dataset Challenge.*

Employment

- May '19 - Aug '19 Research Intern
Google
- May '17 - Aug '17 Research Intern
Facebook AI Research

- May '16 - Aug '16 Software Engineering Intern
Google
- May '14 - July '14 Visiting Scholar
University of Washington
- May '13 - July '13 Undergraduate Intern
Philips Healthcare
- May '12 - July '12 Summer Undergraduate Research Intern
Max Planck Institute for Informatics

Professional Activities

- 2018 - 2019 Organizer, CLunch - Computational Linguistics Speaker Series at the University of Pennsylvania
- Reviewing: AAAI (2017, 2018), EACL (2017), ACL (2018, 2019, 2020), NAACL (2018, 2019), EMNLP (2018, 2019), MRQA Workshop (2018, 2019), AKBC (2019, 2020)

Teaching

- Spring 2019 Teaching Assistant
CIS 700: Common-sense Reasoning
- Spring 2018 Teaching Assistant
CIS 530: Computational Linguistics