

PERSONAL DETAILS

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EDUCATION

Ph.D. Computer Science 2018 -
University of Maryland, College Park
GPA: 4.0/4.0 (Fall 2018) (Computational Linguistic I: A+, Deep Learning: A)
(Temporary) Advisor: [Jordan Boyd-Graber](#)

B.Tech. Computer Science and Engineering (with Honors in AI) 2014 - 2018
Indian Institute of Technology (BHU) Varanasi, India
GPA: 9.34/10.0
Advisor: [Anil Kumar Singh](#)
Published Projects: [1], [4], [5]

RESEARCH AND PROFESSIONAL EXPERIENCE

Research Intern: [Articulab, Carnegie Mellon University](#) May 2017 - July 2017
Project: Conversational Strategy Classification for a Virtual Assistant ([SARA](#))
Worked on various neural methods to best classify the conversational strategy (violating social norm, being polite, being indirect, praising, etc.) in user's utterance. *Multi-modal* features used (visual and text). The classification allows the agent to maintain and increase *rapport* with the user.
(Spinoff Project on Detecting Indirectness in Conversation [2])
Supervisors: Dr. [Yoichi Matsuyama](#) and [Prof. Justine Cassell](#)

Research Intern: [CFILT Lab, Indian Institute of Technology Bombay](#) May 2016 - July 2016
Project: Sarcasm Target Identification [3]
Supervisors: Dr. [Aditya Joshi](#) and Prof. [Pushpak Bhattacharyya](#)

Software Engineering Intern: [Ephesoft, India](#) Dec 2016 - Jan 2017
Project: Comparing Content Analysis Approaches (with the Data Science team)

PEER-REVIEWED PUBLICATIONS

- [1] **Pranav Goel***, Devang Kulshreshtha*, and Anil Kumar Singh. "[How emotional are you? Neural Architectures for Emotion Intensity Prediction in Microblogs](#)". COLING 2018. [Presentation](#)
- [2] **Pranav Goel**, Yoichi Matsuyama, Michael Madaio, and Justine Cassell. "[I think it might help if we multiply, and not add](#)": Detecting Indirectness in Conversation. Proceedings of the International Workshop Series on Spoken Dialogue Systems Technology (IWSDS) 2018. [Presentation](#)
- [3] Aditya Joshi, **Pranav Goel**, Pushpak Bhattacharyya, and Mark J. Carman. "[Sarcasm Target Identification: Dataset and An Introductory Approach](#)." LREC 2018-11th edition of the Language Resources and Evaluation Conference 2018. [Poster](#)
- [4] **Pranav Goel***, Devang Kulshreshtha*, Prayas Jain and K.K. Shukla. "[Prayas at emoint 2017: An ensemble of deep neural architectures for emotion intensity prediction in tweets](#)." Proceedings of

the 8th Workshop on Computational Approaches to Subjectivity, Sentiment and Social Media Analysis at EMNLP 2017. (Shared Task Winner!) [Presentation](#)

[5] **Pranav Goel** and Anil Kumar Singh. “[IIT \(BHU\): System Description for LSDSem’17 Shared Task.](#)” Proceedings of the 2nd Workshop on Linking Models of Lexical, Sentential and Discourse-level Semantics at EACL 2017. [Poster](#)

* joint first author

TECHNICAL SKILLS

- Languages: Python, C, C++
- Technologies: Keras, PyTorch, Scikit-learn, NLTK, Git, BASH, L^AT_EX

TEACHING

Teaching Assistant Fall 2018
Discrete Mathematics

University of Maryland

Teaching Assistant Spring 2018
Introduction to Artificial Intelligence

Indian Institute of Technology (BHU) Varanasi

Teaching Assistant Fall 2016
Introduction to Programming in C

Indian Institute of Technology (BHU) Varanasi

AWARDS AND SCHOLARSHIPS

- Dean’s Fellowship, University of Maryland, 2018-19.
- Received about USD 700 from IIT (BHU) Varanasi as Travel Grant to attend EACL 2017.
- Selected for the DAAD-WISE scholarship/internship program for 2017.

POSITIONS OF RESPONSIBILITY AND INITIATIVES

- Co-Convener for [Codefest](#) 2017, an annual global programming festival conducted by Department of Computer Science and Engineering, IIT (BHU) Varanasi. (September 2017)
- Co-Coordinator for the online world-wide ML competition *MLWARE*, part of the annual techno-management festival of IIT (BHU) Varanasi (Technex, February 2017)
- Started and lead a Machine Learning Reading Group for undergraduate students interested in ML research across the institute (first of its kind at IIT (BHU) Varanasi).