

PERSONAL DETAILS

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EDUCATION

Ph.D. Computer Science 2018 -
University of Maryland, College Park
(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 <i>Discrete Mathematics</i> University of Maryland	Fall 2018
Teaching Assistant <i>Introduction to Artificial Intelligence</i> Indian Institute of Technology (BHU) Varanasi	Spring 2018
Teaching Assistant <i>Introduction to Programming in C</i> Indian Institute of Technology (BHU) Varanasi	Fall 2016

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).