

# KALPESH KRISHNA

[kalpeshk2011@gmail.com](mailto:kalpeshk2011@gmail.com) ♦ [LinkedIn](#) ♦ [Github](#) ♦ [Webpage](#)<sup>1</sup>

## EDUCATION

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University of Massachusetts, Amherst

Sept '18 - Present

MS/PhD in Computer Science (advised by [Prof. Mohit Iyyer](#))

UMass CICS Fellowship 2018-19

Victor Lesser Graduate Scholarship in AI 2019-20

Indian Institute of Technology, Bombay

July '14 - July '18

B.Tech in Electrical Engineering (*Minor in Computer Science & Engineering*)

(advised by [Prof. Preethi Jyothi](#))

Major GPA: **9.74/10** (**2<sup>nd</sup>** among 66 students) (Minor GPA: 10/10)

Sharad Maloo Memorial Gold Medalist for outstanding all-round performance

## PAPERS

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- Generating Question-Answer Hierarchies  
*K. Krishna, M. Iyyer*  
ACL 2019 arXiv:1906.02622 [cs.CL]
- Syntactically Supervised Transformers for Faster Neural Machine Translation.  
*N. Akoury, K. Krishna, M. Iyyer*  
ACL 2019 arXiv:1906.02780 [cs.CL]
- Trick or TReAT: Thematic Reinforcement for Artistic Typography  
*P. Tendulkar, K. Krishna, R. Selvaraju, D. Parikh*  
ICCC 2019 (*Best Presentation Award*) arXiv:1903.07820 [cs.CV]
- Revisiting the Importance of Encoding Logic Rules in Sentiment Classification  
*K. Krishna, P. Jyothi, M. Iyyer*  
EMNLP 2018 (*oral presentation, short paper*), arXiv:1808.07733 [cs.CL]
- Hierarchical Multitask Learning for CTC-based Speech Recognition  
*K. Krishna, S. Toshniwal, K. Livescu*  
arXiv:1807.06234v2 [cs.CL]
- A Study of All-Convolutional Encoders for Connectionist Temporal Classification  
*K. Krishna, L. Lu, K. Gimpel, K. Livescu*  
ICASSP 2018 (*Awarded SPS Travel Grant*), arXiv:1710.10398v2 [cs.CL]

## EXPERIENCE

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Google AI Language

May '19 - August '19

Research Intern under Gaurav Singh Tomar and Ankur Parikh

New York, NY

Toyota Technological Institute at Chicago

May '17 - July '17

Visiting Student under [Karen Livescu](#), [Liang Lu](#) and [Kevin Gimpel](#)

Chicago, IL

Mozilla Foundation

May '16 - August '16

Google Summer of Code student under [Armen Zambrano](#)

Mumbai, India / London, UK

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<sup>1</sup>Use URL [martiansideofthemoon.github.io](https://martiansideofthemoon.github.io) in case hyperlinks don't work

## SCHOLASTIC ACHIEVEMENTS

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- **Cargill Global Scholar** (2016-18) Selected by the [International Institute of Education](#) and [Cargill](#) (largest private corporation in USA) for a global leadership [program](#).
- Received the Institute Academic Prize for standing 2<sup>nd</sup> in the sophomore year 2015-16.
- Selected for [JSALT '17](#), organized by JHU's [Center for Language and Speech Processing](#)<sup>2</sup>.
- **Top 10** at the Astronomy Olympiad's Indian Selection Camp for IOAA '14, (~20000 applicants).
- All India Rank 2 (*out of 132k*) in [ICSE](#) '12, All India Rank 93 in [JEE Advanced](#) '14 (*out of 126k*) and All India Rank 34 in [JEE Mains](#) '14 (*out of 1.4M candidates*).

## RESPONSIBILITIES

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- **Manager, Web and Coding Club** at IIT Bombay (2016-17)  
(*awarded Institute Organizational Color 2016-17*)
- **Institute Student Mentor** at IIT Bombay (2017-18)
- **Teaching Assistant** at IIT Bombay in *Computer Programming* (2016) and *Linear Algebra* (2017)

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<sup>2</sup>Couldn't attend due to clashing college schedule