

# Jesse Mu

[muj@bc.edu](mailto:muj@bc.edu)  
[www.jesse.mu](http://www.jesse.mu)

## Interests

Natural language processing, psycholinguistics, machine learning

## Education

- 2018– Ph.D. in Computer Science, Stanford University (deferred)
- 2017– MPhil in Advanced Computer Science, University of Cambridge
- 2013–2017 B.A. in Computer Science, *summa cum laude*, Boston College

## Honors and awards

- 2017 John J. Neuhauser Award in Computer Science, Boston College
- 2017 Thomas I. Gasson, S.J. Award (for academics), Boston College
- 2017 Phi Beta Kappa
- 2017 Churchill Scholarship
- 2016 Barry M. Goldwater Scholarship
- 2013 Gabelli Presidential Scholarship, Boston College

## Experience

- 2017 Applied Scientist Intern, Alexa Machine Learning, Amazon
- 2016 Research Assistant, Computation and Cognition Lab, Stanford University
- 2015 Research Assistant, Computational Intelligence Group, Universidad Politécnica de Madrid
- 2015 Research Assistant, Computational Cognitive Science Group, MIT
- 2014 Software Engineering Intern, Quantopian

## Publications, posters, and talks

### Under review

#### **Parkinson's disease subtypes identified from cluster analysis of motor and non-motor symptoms**

Jesse Mu, Kallol Ray Chaudhuri, Concha Bielza, Jesús de Pedro Cuesta, Pedro Larrañaga, and Pablo Martinez-Martin.

### Conference papers

#### **Evaluating hierarchies of verb argument structure with hierarchical clustering**

Jesse Mu, Joshua K. Hartshorne, and Timothy J. O'Donnell. *EMNLP 2017*

## Posters

**The relationship between semantics and verb argument structure is highly regular: a large-scale, crowd-sourced investigation**

Joshua K. Hartshorne, Jesse Mu, Timothy J. O'Donnell, and Martha Palmer. *AMLaP 2016*

**Unsupervised learning of VerbNet argument structure**

Jesse Mu, Timothy J. O'Donnell, and Joshua K. Hartshorne. *CogSci 2016*

## Talks

2017 “Evaluating hierarchies of verb argument structure with hierarchical clustering”  
Harvard Language and Cognition

## Teaching

2014–2016 Teaching Assistant, Computer Science I, Boston College

## Leadership and service

2014–2017 Co-president, [Boston College Computer Science Society](#)

2014–2015 Director, *A Boston State of Mind*

2014–2015 Web Developer, [Haley House](#)

2014 English Teaching Assistant, [Educational Development Group](#)