

# Weiqiu You

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## Education

**M.S. in Computer Science, UMass Amherst, MA**

GPA: 3.90/4.00

*Anticipated May 2020*

**B.S. in Computer Science & Mathematics, Gordon College, MA.**

GPA: 3.87/4.00

*May 2018*

**Study Abroad: Aquincum Institute of Technology, Budapest, Hungary**

*Fall 2017*

## Technical Skills

**Programming Language  
Framework**

Python, Java, C++, C#, JavaScript, Ruby, Prolog  
PyTorch, TensorFlow

## Related Courses

- |                               |                                |                       |
|-------------------------------|--------------------------------|-----------------------|
| ▪ Machine Learning            | ▪ Artificial Intelligence      | ▪ Operations Research |
| ▪ Natural Language Processing | ▪ Data Structures & Algorithms | ▪ Computer Vision     |
| ▪ Neural Networks             | ▪ Numerical Analysis           | ▪ Graph Theory        |
| ▪ Deep Learning for NLP       | ▪ Probability                  | ▪ Linear Algebra      |
| ▪ Probabilistic Graphic Model | ▪ Statistics                   |                       |

## Professional Experiences

**Research Internship**, NLP Center, Meituan Inc., Beijing, China

*Summer 2018*

*Researched in short text summarization and key phrase extraction. Both rule-based methods and statistics based methods. Using Python.*

**Teaching Assistant**, Math and Computer Science Department, Gordon College

*Spring 2016-2018*

*TA for Data Structure and Algorithm, SPSS Help Sessions for Biostatistics, Calculus II, Differential Equations.*

**Internship**, Gordon College

*Summer 2016 & 2017*

*Web development. Once Ruby on Rails, the second time C# and ASP.NET.*

## Project & Research Experiences

**RNN Machine Translation with Syntax**

*Spring 2019*

*Adding Syntax in decoder in RNN Machine Translation to speed up the decoding process, using Pytorch. Supervised by Professor Mohit Iyyer.*

**Predicting Media Interestingness**

*Spring 2018*

*Ranked the interestingness of screenshots or video clips of a whole video with Machine Learning, using Python.*

**Optimization of Machine Learning Classifiers with Direct Search Algorithm**

*Spring 2017*

*Conducted a project on using Nelder-Mead and Simulated Annealing Algorithms to optimize SVM parameters, using Python.*

## Leadership Experiences

**Founder and President**, Gordon College Go Club

*Spring 2016 – Spring 2018*

*Started and ran the Go Club for students to meet and play game of Go.*

## Honors in Gordon College

**Honors in Computer Science**

Researched and defended honors thesis not covered by existing courses. The only Computer Science honors in 5 years.

**Phi Alpha Chi Honors Society**

GPA in top 15% of the graduating class.