Xinyi Wang

Education

08/2017–now	**Carnegie Mellon University**, *Pittsburgh, PA*.
	Ph.D., Language Technologies
	Advisor: Graham Neubig
	GPA: 3.97/4.33
08/2013–05/2017	**University of Notre Dame**, *Notre Dame, IN*.
	summa cum laude, B.S. in Computer Science, B.A. in Economics
	GPA: 3.99/4.00

Experience

Research

02/2016–05/2017	**University of Notre Dame**.
	Advisor: David Chiang
Summer 2017	**Tsinghua University**.
	Host: Yang Liu

Industry

Summer 2019	**Facebook AI Research**, *Research Intern*, New York, NY.
	Hosts: Yacine Jernite, Jason Weston, Michael Auli
Summer 2016	**LinkedIn Inc.**, *Software Engineering Intern*, Mountain View, CA.
Summer 2015	**Google Inc.**, *Engineering Practicum Intern*, Mountain View, CA.

Publication

Under Review

2020	**Xinyi Wang***, Hieu Pham*, Paul Mitchel, Antonis Anastasopoulos, Jaime Carbonell, Graham Neubig. Optimizing Data Usage via Differentiable Rewards. In ICLR
2020	**Xinyi Wang**, Yacine Jernite, Jason Weston, Michael Auli. Improving Conditioning in Context-Aware Sequence to Sequence Models. In AAAI
2020	Junxian He*, **Xinyi Wang***, Graham Neubig, Taylor Berg-Kirkpatrick. A Probabilistic Formulation of Unsupervised Text Style Transfer. In ICLR

Published (first author)

2019	**Xinyi Wang**, Graham Neubig. Target Conditioned Sampling: Optimizing Data Selection for Multilingual Neural Machine Translation. In ACL
2019	**Xinyi Wang**, Hieu Pham, Philip Arthur, Graham Neubig. Multilingual Neural Machine Translation with Soft Decoupled Encoding. In ICLR
2018	**Xinyi Wang**, Hieu Pham, Pengcheng Yin, Graham Neubig. A Tree-based Decoder for Neural Machine Translation. 2018. In EMNLP.
2018	**Xinyi Wang***, Hieu Pham*, Zihang Dai, Graham Neubig. SwitchOut: an Efficient Data Augmentation Algorithm for Neural Machine Translation. 2018. In EMNLP.

| 2018 | **Xinyi Wang**, Salvador Aguinaga, Tim Weninger, David Chiang. Growing Better Graphs With Latent-Variable Probabilistic Graph Grammars. 2018. In KDD Workshop on Mining and Learning with Graphs. |

Published (co-author)

2019	Zi-Yi Dou, **Xinyi Wang**, Junjie Hu, Graham Neubig Domain Differential Adaptation for Neural Machine Translation. 2019. In WNGT.
2019	Graham Neubig, Zi-Yi Dou, Junjie Hu, Paul Michel, Danish Pruthi, **Xinyi Wang**, John Wieting compare-mt: A Tool for Holistic Comparison of Language Generation Systems. 2019. In NAACL. Best Demo Runner-up
2018	Graham Neubig, Matthias Sperber, **Xinyi Wang**, Matthieu Felix, Austin Matthews, Sarguna Padmanabhan, Ye Qi, Devendra Singh Sachan, Philip Arthur, Pierre Godard, John Hewitt, Rachid Riad, Liming Wang. XNMT: The eXtensible Neural Machine Translation Toolkit. 2018. In AMTA.

Teaching

| Fall 2016 | **Design and Analysis of Algorithms** | *University of Notre Dame, TA* |
| Spring 2016 | **Theory of Computing** | *University of Notre Dame, TA* |

Honors and Awards

2017	**Theodore S. Weber Award for the economics graduate**, *University of Notre Dame*.
2017	**Outstanding CS Graduate**, *University of Notre Dame*.
2016-2017	**Tau Beta Pi Engineering Scholarship**, *University of Notre Dame*.
Fall 2015	**Grace Hopper Scholarship**, *Travel Award to Grace Hopper Conference*.
2013-2016	**Dean's List**, *All Semesters*, University of Notre Dame.
2013	**Greater China Scholarship**, *University of Notre Dame*.

Skills

| Natural Language: | Chinese(Native), English(Bilingual) |
| Computer: | PyTorch, Dynet, Theano, Python, Java, C/C++, Android, Django |