Xinyi Wang

Education

08/2017–now   **Carnegie Mellon University**, *Pittsburgh, PA.*
Ph.D., Language Technologies
Advisor: Graham Neubig
GPA: 3.89/4.33

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 2016   **LinkedIn Inc.**, *Software Engineering Intern*, Mountain View, CA.

Summer 2015   **Google Inc.**, *Engineering Practicum Intern*, Mountain View, CA.

Publication

Under Review

2019   **Xinyi Wang**, Graham Neubig. Target Conditioned Sampling: Optimizing Data Selection for Multilingual Neural Machine Translation. In ACL

Published

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.

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