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## Education

08/2017–now **Carnegie Mellon University**, *Pittsburgh, Pennsylvania*.

Ph.D., Natural Language Processing

Advisor: Graham Neubig

GPA: 3.89/4.0

08/2013–05/2017 **University of Notre Dame**, *Notre Dame, IN*.

B.S. in Computer Science, B.A. in Economics

GPA: 3.99/4.0

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## 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.

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## Publication

### Under Review

2018 **Xinyi Wang**, Hieu Pham, Philip Arthur, Graham Neubig. Multilingual Neural Machine Translation with Soft Decoupled Encoding. ICLR

### Published

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.

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## Teaching

Fall 2016 **Design and Analysis of Algorithms**  
Spring 2016 **Theory of Computing**

*University of Notre Dame, TA*

*University of Notre Dame, TA*

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## Honors and Awards

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*.

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## Skills

Natural Language: Chinese(Native), English(Bilingual)

Computer: PyTorch, Dynet, Theano, Python, Java, C/C++, Android, Django