## Wasi Uddin Ahmad

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**Research Objective** 

Developing computational algorithms that (1) reduce the amount of labeled data required to train NLP models

from scratch; and (2) adapt to new domains and languages with fewer labeled examples.

**Education Ph.D.** in **Computer Science** 

[2017 - 2021]

University of California, Los Angeles CGPA: 3.78 on a scale of 4.00 *Advisor*: Dr. Kai-Wei Chang

Master of Computer Science [2015 – 17]

University of Virginia

CGPA: 4.00 on a scale of 4.00

**B.Sc.** in Computer Science and Engineering [2008 – 13]

Bangladesh University of Engineering and Technology

CGPA: 3.81 on a scale of 4.00

Selected Publications **Ahmad, W. U.**, Chi, J., Le, T., Norton, T., Tian, Y., & Chang, K. W. (2021). Intent Classification and Slot Filling for Privacy Policies. In Proceedings of the 59th Annual Conference of the ACL.

**Ahmad, W. U.**, Li, H., Chang, K. W., & Mehdad, Y. (2021). Syntax-augmented Multilingual BERT for Cross-lingual Transfer. In Proceedings of the 59th Annual Conference of the ACL.

**Ahmad, W. U.**, Bai, X., Lee, S., & Chang, K. W. (2021). Select, Extract and Generate: Neural Keyphrase Generation with Layer-wise Coverage Attention. In Proceedings of the 59th Annual Conference of the ACL.

**Ahmad, W. U.**, Chakraborty, S., Ray, B., & Chang, K. W. (2021). Unified Pre-training for Program Understanding and Generation. In Proceedings of the 18th Annual Conference of the NAACL.

**Ahmad, W. U.**, Peng, N., & Chang, K. W. (2021). GATE: Graph Attention Transformer Encoder for Crosslingual Relation and Event Extraction. In Proceedings of the 35th AAAI.

**Ahmad, W. U.**, Chakraborty, S., Ray, B., & Chang, K. W. (2020). A Transformer-based Approach for Source Code Summarization. In Proceedings of the 58th Annual Meeting of the ACL.

**Ahmad, W. U.**, Zhang, Z., Ma, X., Chang, K. W., & Peng, N. (2019). Cross-lingual Dependency Parsing with Unlabeled Auxiliary Languages. In Proceedings of the 23rd Conference on CoNLL.

**Ahmad, W. U.**, Zhang, Z., Ma, X., Hovy, E., Chang, K. W., & Peng, N. (2019). On Difficulties of Cross-Lingual Transfer with Order Differences: A Case Study on Dependency Parsing. In Proceedings of the 17th Annual Conference of the NAACL-HLT.

**Intern Experience** 

Research Intern, Facebook AI, Menlo Park, California

[06/2020 - 09/2020]

Topic: Enhancing multilingual encoders with language syntax to improve cross-lingual transfer.

Research Intern, Yahoo Research, Sunnyvale, California

[06/2019 - 09/2019]

Topic: Keyphrase generation from web documents to improve page-to-segment relevance models.

Research Intern, Microsoft AI and Research, Redmond, Washington

[06/2018 - 09/2018]

Topic: Joint learning to extract and generate answers for multi-paragraph reading comprehension.

Research Intern, Walmart Labs, Reston, Virginia

[06/2016 - 08/2016]

Topic: Analyzing fraud rings and patterns to automate prediction of wireless fraud transactions.

Ongoing Research Works • Investigating the role of language syntax in cross-lingual transfer.

• Retrieval-based data augmentation for question answering in privacy policies.

• Developing a unified model for source code summarization, generation, and translation.

Awards & Scholarships

Graduate Fellowship, University of California, Los Angeles

[2017 - 18]

William L Ballard Jr Endowed Graduate Fellowship, University of Virginia

[Spring, 2017]

Graduate Fellowship, University of Virginia

[2015 - 16]

Professional Services Program Committee/Reviewer

2021: NIPS, EMNLP, SIGIR, ACL-IJCNLP, NAACL, IJCAI, EACL, AAAI

2020: EMNLP, ICML, IJCAI, AAAI, LREC