## Wasi Uddin Ahmad

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**Research Objective** Develop

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 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 Conference on Artificial Intelligence (AAAI), (to appear).

**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 Association for Computational Linguistics (ACL), pages 4998–5007.

**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 Computational Natural Language Learning (CoNLL), pages 372–382.

**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 2019 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL-HLT), Volume 1 (Long and Short Papers), pages 2440–2452.

**Ahmad, W. U.**, Chang, K. W., & Wang, H. (2019). Context Attentive Document Ranking and Query Suggestion. In Proceedings of the 42nd International ACM SIGIR Conference on Research and Development in Information Retrieval, pages 385–394. ACM.

**Ahmad, W. U.**, Chang, K. W., & Wang, H. (2018). Multi-task learning for document ranking and query suggestion. In Proceedings of the 6th International Conference on Learning Representations (ICLR).

**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.
- Developing a new benchmark to facilitate predicting privacy practices described 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

Program Committee/Reviewer

Services 2021: SIGIR, ACL-IJCNLP, NAACL, IJCAI, EACL, AAAI

2020: EMNLP, ICML, IJCAI, AAAI, LREC