

## Wasi Uddin Ahmad

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<b>Research Objective</b>	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.	
<b>Education</b>	<b>Ph.D. in Computer Science</b> University of California, Los Angeles CGPA: 3.78 on a scale of 4.00 <i>Advisor:</i> Dr. Kai-Wei Chang	[2017 – 2021]
	<b>Master of Computer Science</b> University of Virginia CGPA: 4.00 on a scale of 4.00	[2015 – 17]
	<b>B.Sc. in Computer Science and Engineering</b> Bangladesh University of Engineering and Technology CGPA: 3.81 on a scale of 4.00	[2008 – 13]
<b>Selected Publications</b>	<p><b>Ahmad, W. U.</b>, Chakraborty, S., Ray, B., &amp; Chang, K. W. (2021). Unified Pre-training for Program Understanding and Generation. In Proceedings of the 2021 Annual Conference of the NAACL, (to appear).</p> <p><b>Ahmad, W. U.</b>, Peng, N., &amp; Chang, K. W. (2021). GATE: Graph Attention Transformer Encoder for Cross-lingual Relation and Event Extraction. In Proceedings of the 35th AAAI.</p> <p><b>Ahmad, W. U.</b>, Chakraborty, S., Ray, B., &amp; Chang, K. W. (2020). A Transformer-based Approach for Source Code Summarization. In Proceedings of the 58th Annual Meeting of the ACL, pages 4998–5007.</p> <p><b>Ahmad, W. U.</b>, Zhang, Z., Ma, X., Chang, K. W., &amp; Peng, N. (2019). Cross-lingual Dependency Parsing with Unlabeled Auxiliary Languages. In Proceedings of the 23rd Conference on CoNLL, pages 372–382.</p> <p><b>Ahmad, W. U.</b>, Zhang, Z., Ma, X., Hovy, E., Chang, K. W., &amp; 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 NAACL-HLT, Volume 1 (Long and Short Papers), pages 2440–2452.</p> <p><b>Ahmad, W. U.</b>, Chang, K. W., &amp; Wang, H. (2019). Context Attentive Document Ranking and Query Suggestion. In Proceedings of the 42nd International ACM SIGIR, pages 385–394.</p> <p><b>Ahmad, W. U.</b>, Chang, K. W., &amp; Wang, H. (2018). Multi-task learning for document ranking and query suggestion. In Proceedings of the 6th International Conference on Learning Representations (ICLR).</p>	
<b>Intern Experience</b>	<b>Research Intern</b> , Facebook AI, Menlo Park, California Topic: enhancing multilingual encoders with language syntax to improve cross-lingual transfer.	[06/2020 – 09/2020]
	<b>Research Intern</b> , Yahoo Research, Sunnyvale, California Topic: keyphrase generation from web documents to improve page-to-segment relevance models.	[06/2019 – 09/2019]
	<b>Research Intern</b> , Microsoft AI and Research, Redmond, Washington Topic: joint learning to extract and generate answers for multi-paragraph reading comprehension.	[06/2018 – 09/2018]
	<b>Research Intern</b> , Walmart Labs, Reston, Virginia Topic: Analyzing fraud rings and patterns to automate prediction of wireless fraud transactions.	[06/2016 – 08/2016]
<b>Ongoing Research Works</b>	<ul style="list-style-type: none"><li>• Investigating the role of language syntax in cross-lingual transfer.</li><li>• Developing a new benchmark to facilitate predicting privacy practices described in privacy policies.</li><li>• Developing a unified model for source code summarization, generation, and translation.</li></ul>	
<b>Awards &amp; Scholarships</b>	<b>Graduate Fellowship</b> , University of California, Los Angeles	[2017 – 18]
	<b>William L Ballard Jr Endowed Graduate Fellowship</b> , University of Virginia	[Spring, 2017]
	<b>Graduate Fellowship</b> , University of Virginia	[2015 – 16]
<b>Professional Services</b>	<b>Program Committee/Reviewer</b> 2021: NIPS, EMNLP, SIGIR, ACL-IJCNLP, NAACL, IJCAI, EACL, AAAI 2020: EMNLP, ICML, IJCAI, AAAI, LREC	