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., 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). Intent-aware query obfuscation for privacy protection in personalized web search. In Proceedings of the 41st International ACM SIGIR Conference on Research and Development in Information Retrieval, pages 285–294. 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 Services

Program Committee/Reviewer
2021: NAACL, IJCAI, EACL, AAAI
2020: EMNLP, ICML, IJCAI, AAAI, LREC