

Stephanie N. Richter

Master's Student

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Education

- M.S. in Computational Linguistics** Anticipated May, 2021
University at Buffalo, The State University of New York
Working Thesis Title: *Direct Transfer of Sentiment Across Low-Resource Languages*
- B.A. in Linguistics (Language & Cognition); Minor in Computer Science** May, 2019
University at Buffalo, The State University of New York
* University Honors Scholar * Magna Cum Laude

HONORS AND AWARDS

- * Provost Merit Scholarship, 2015–2019
- * Barbara and Jack Davis Scholarship, 2015–2018
- * UB Honors College, 2015–2019

Publications

CONFERENCE PROCEEDINGS

- | | |
|------|---|
| 2021 | Rui P. Chaves and Stephanie N. Richter. Look at that! BERT can be easily distracted from paying attention to morphosyntax. In <i>Proceedings of the Society for Computation in Linguistics</i> , volume 4, pages 28–38. |
| 2020 | Stephanie N. Richter and Rui P. Chaves. Investigating the role of verb frequency in factive and manner-of-speaking islands. In <i>Proceedings of the 42nd Annual Conference of the Cognitive Science Society</i> , pages 1771–1777. |

Work Experience

- The Tesseract Project** | Research Assistant Aug 2020–present
| Volunteer Feb 2020–Jul 2020
- * Creating infrastructure to save user profiles and individual inter-text objects
 - * Began first stages of Tesseract Voyager, an entity to store and publicize inter-text objects
 - * Improved the Tesseract semantic matching for Latin and Classical Greek texts
 - * Worked to improve capabilities of Tesseract search function with better text preparation
- The Buffalo News** | Data Analytics Assistant Feb 2020–present
| Data Analytics Intern May 2019–Aug 2019
- * Prepare analytical reports of subscriber demographics and trends
 - * Streamlined data ingestion from Google Analytics and Elasticsearch into Power BI
 - * Devised a method to tag, with supervision, local news articles efficiently using TextRank
 - * Built an analytical web application using Dash for displaying engagement metrics

TEACHING

- Teaching Assistant (University at Buffalo) Spring 2020
CSE 111 Introduction to Quantitative Analysis and Reasoning with Computing
CSE 101 Computers: A General Introduction

Skills

Languages: Python, R, Java, C++, Prolog, Perl, JavaScript, XML, DAX, SQL

Tools: NLTK, CLTK, Stanford CoreNLP, HuggingFace Transformers

Analytics/Frameworks: Google Analytics, Elasticsearch, Power BI, Dash (Python)

Databases: MongoDB, MySQL, SQLite, Apache Solr

General: MS Windows, MS Office Suite, Linux (Ubuntu), Bash, \LaTeX

NATURAL LANGUAGES

- * English (first language)
- * Japanese (intermediate)
- * Spanish (basic)
- * Portuguese (basic)