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 — GPA: 3.91
Working Thesis Title: *Pragmatic Sentiment Analysis of 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
∗ Thomas M. Smith Scholarship, 2019
∗ UB Honors College, 2015–2019
∗ Dean's List, 2018

Work Experience

The Buffalo News | Data Analytics Assistant — Feb 2020–present
| Data Analytics Intern — May 2019–Aug 2019
∗ Streamlined data ingestion from Google Analytics and Elasticsearch into Power BI
∗ Devised a method to tag, with supervision, news articles efficiently using TextRank
∗ Built an analytical web application using Dash for displaying engagement metrics

The Tesserae Project | Research Assistant — Beginning August 2020
| Volunteer — Feb 2020–July 2020
∗ Improved the Tesserae semantic matching for Latin and Classical Greek
∗ Work to improve capabilities of Tesserae search function with better text preparation

The Marianne Moore Digital Archive | Volunteer — Sep 2017–Jan 2019
∗ Condensed, edited, and formatted a large glossary of terms to be published
∗ Assisted in site design (HTML and CSS) for visualization of glossary

Teaching

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

Publications

Conference Proceedings

2020 | Stephanie N. Richter and Rui P. Chaves. Investigating the role of verb frequency in factive and manner-of-speaking islands. In *Proceedings of the 42nd Annual Conference of the Cognitive Science Society*, Toronto, ON, 2020. Cognitive Science Society.

Skills

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