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LinkedIn
Professional Website
ResearchGate

Tori Larsen

Ambitious researcher looking to use my experience with statistical analysis, computational methods, and data presentation in a fulfilling career. Interested in using my transferable skills and education to contribute creative solutions to the workplace.

SKILLS

Tools and Software	R, RStudio (ggplot2, dplyr, lmer, vca...), SQL, Python (pandas, NumPy, scikit-learn, and Matplotlib), HTML, Jupyter, VSCode, Anaconda, Git/GitHub, Linux Bash, LaTeX, Microsoft Office, Pivot Tables
Research	Experimental Design, Hypothesis & Model Testing, Data Visualization & Cleaning, Outlier Analysis, Machine Learning, Clustering, Classification, Regression, Dimensionality Reduction, Public Speaking
Communication	English (native), Norwegian (idiomatic fluency), Swedish (comprehension), ASL & Spanish (basic)
Personal	Articulate, Cooperative, Logical thinker, Detail-oriented, Structured, Inquisitive

CERTIFICATES

Supervised Machine Learning: Regression and Classification   February 2023
DeepLearning.AI and Stanford University (Coursera)

EDUCATION

Doctor of Philosophy in Psycholinguistics and Norwegian Syntax, *University of Bergen*   2018 — Present
Master of Philosophy in General Linguistics, *University of Bergen*   2015 — 2017
Bachelor of Arts in Linguistics, *University of Florida*   2011 — 2014

WORK HISTORY

NORWEGIAN LINGUIST / Project Contract   September — December 2022
TELUS International   *Remote*
- Completed on-demand tasks involving written and spoken modality differences in Norwegian.
- Supported and improved AI-led conversational interfaces.

NLP DEVELOPER (DEV)/ Project Contract   August — November 2022
TELUS International   *Remote*
- Developed proofing tools for a Norwegian morphology project.
- Evaluated and validated language rules together with a QA.
- Created content for the development of speech technologies.

ANNOTATOR / Automatic Identification of Rumors and Speculations in Relation Extraction Project   July — September 2019
University of Bergen   *Bergen, Norway*
- Co-authored annotation guidelines and annotated corpus data covering company acquisition rumors.
- Targeted Latent Event Cues and annotation categories that indicated an event might occur in the future.
- Assessed links and relations between words that might influence the sentential semantics.

STATISTICIAN AND DATA ANALYST / Project on Language Learning and Teaching in Norwegian HS   December 2019 - June 2022
University of Bergen   *Bergen, Norway*
- Advised PhD student and MA students on the correct methods to use for their data.
- Assisted with data importation, cleaning, and outlier detection in R.
- Led data analysis while teaching students about statistical methods.

PHD CANDIDATE AND UNIVERSITY LECTURER   March 2018 - August 2022
University of Bergen   *Bergen, Norway*
- Conducted psycholinguistic research relevant to my dissertation on the processing of Norwegian.
- Published research articles and presented research at international conferences.
- Lectured MA and BA courses, such as **statistics, syntax, semantics, psycholinguistics, and academic writing**.

RESEARCH EXPERIENCE

HEAD RESEARCHER / Linguistic Processing of Coreference and Empty Categories   August 2015 — August 2022
University of Bergen   *Bergen, Norway*
- Created linguistic stimuli. Designed, programmed, and ran participants through on-line language processing experiments.
- Analyzed data using outlier analyses, linear mixed-effects models, analysis of variance, and data visualization packages in R.

SENIOR RESEARCHER and MA SUPERVISOR / Cross-linguistic Studies and Experimental Aesthetics   August 2018 — August 2022
University of Bergen   *Bergen, Norway*
- Supervised and trained Master's students in designing, programming, and running experiments in the lab.
- Aided Master's students in completing and understanding the statistical analyses of collected data.