Hillel Steinmetz

EDUCATION

University of Washington ǀ MS in Computational Linguistics ǀ Seattle, WA   09/2021 – 03/2023

Awards: *Ryan Neale Cross Memorial Fellowship*

University of Chicago ǀ BA in Linguistics ǀ Chicago, IL   09/2015 – 06/2019

Awards: *Leonard Bloomfield Prize in Linguistics, Phi Beta Kappa*

EMPLOYMENT HISTORY

Smart Information Flow Technologies (SIFT)   06/2022 – present

NLP Research Intern ǀ Minneapolis, MN (remote)

- Trained and optimized a span-level sentiment analysis model to detect influence campaigns on social media using Transformers and PyTorch packages
- Researched model training methods to reduce social and political bias
- Developed a CI/CD pipeline to assert compatibility with model loading software and dataset schema

Saggezza   11/2020 – 11/2021

Technical Writer ǀ New York, NY (remote)

- Published 50+ documentation pages for 5+ product suites for an S&P 100 financial services company
- Improved developer experiences by writing easy-to-read software references, tutorials, and guides

University of Chicago Department of Psychology   06/2019 – 08/2020

Research Assistant ǀ Chicago, IL

- Discovered a novel interaction effect of metaphorical language on social cognition
- Implemented web-based experiments using various toolkits and analyzed psychometric data in R

PROJECTS

Transfer Learning Methods for Dysarthric Speech Recognition ǀ *Repository Forthcoming*

- Researched methods to improve automatic speech recognition of dysarthric speech for a thesis (Advisor: Prof. Gina-Anne Levow)

NLP Model to Detect Humor ǀ GITHUB.COM/HASTEINMETZ/LING573-PROJECT

- Collaborated with 3 students to design an NLP system that classifies humor in text with >95% accuracy
- My contributions included using **PyTorch** to implement an ensemble model consisting of a transformer to obtain contextual embeddings and feed-forward MLP to analyze linguistics features

World Languages Quiz ǀ HASTEINMETZ.GITHUB.IO/QUIZ

- Created a web-based quiz game with **JavaScript** and **HTML** and **Python**'s beautifulsoup package to acquire data on the world's languages from Wikipedia

SKILLS

Programming Languages: Python (highly skilled), R (proficiency), Bash (proficiency), HTML/CSS (proficiency), JavaScript (novice), C (novice), SQL (novice)
  ↳ **Python packages**: PyTorch (highly skilled), NLTK (proficiency), NumPy (proficiency), spaCy (proficiency), Pandas (proficiency), Scikit-learn (proficiency), Matplotlib (novice), Pytest (novice)

Tools: Git, Jira, CI/CD, Linux, Docker (some experience)

Human Languages: Hebrew (advanced), French (intermediate)