

Sil Hamilton

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Employment

AI Researcher-at-Large June 2023 – Present

Hacks/Hackers

- Giving talks on LLMs to journalists at institutions like the Nieman Foundation at Harvard, Brown Institute at Columbia, the Computer History Museum, the Knight Center at UT Austin, and conferences like Media Party.

Course Instructor August 2023 – December 2023

Knight Center for Journalism in the Americas, University of Texas at Austin

- Led two non-credit online courses on using generative AI in the newsroom. 11,000 students!

Technical Consultant June 2023 – Present

American Public Media Group, Star Tribune Media Company LLC, The New York Times Company, etc.

- Consulting for various companies, generally involving planning and implementing ML pipelines for data retrieval.

Language AI Fellow February 2023 – April 2023

Steamship, Inc

- Fine-tuned and implemented a story classification model.

Software Development Intern September 2023 – November 2023

Plotly, Inc

- Completed a customer contractor with a major auto manufacturer.

Research Assistant September 2021 – December 2023

.txtLAB, McGill University

- Developed a bespoke fictionality classifier for the HathiTrust Digital Library.
- Led research in prompting GPT-3.5 for automatic document annotation.

Research Assistant September 2018 – August 2021

DeGroot School of Business and the Lewis & Ruth Sherman Center, McMaster University

- Developed NLP pipeline using WordNet for analyzing business-domain documents.
- Designed website for the Relevant Research Series, a SSHRC-funded workshop series.

Education

McGill University September 2021 – May 2024

Master of Arts in the Digital Humanities (GPA of 3.95)

Montréal, Québec

- Select courses: Computational Research on Language, Data Mining.

McMaster University September 2017 – April 2021

Combined Honours English & Cultural Studies and Media Arts (GPA of 3.94)

Hamilton, Ontario

Volunteering & Other Experience

Technical Advisor February – March 2023

The Associated Press

- Regularly consulted on matters of GenAI by the AP's Robert Farr, director of technology research.

Selected Publications

Detecting Mode Collapse in Language Models via Narration 2024

Workshop on the Scaling Behavior of Large Language Models, EACL

Blind Judgement: Agent-Based Supreme Court Modelling with GPT 2023

Workshop on Creative AI Across Modalities, AAI

MultiHATHI: A Complete Collection of Multilingual Prose Fiction in the HathiTrust Digital Library 2023

Journal of Open Humanities Data

The COVID That Wasn't: Counterfactual Journalism Using GPT 2022

SIGHUM, International Conference on Computational Linguistics

Skills

Languages: English, French (advanced); Dutch (intermediate)

Programming Languages: Python, R, Common Lisp, Clojure, SQL

Machine Learning: regression, clustering, classification, language modelling (HMM, GPT, BERT, etc.)

Data Science: R, Python scientific stack (pandas, numpy, etc.), relational databases (PostgreSQL)