AMÉLIE REYMOND

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EDUCATION

University of Washington - Seattle 2021–present
Master in Computational Linguistics
Ongoing thesis under the guidance of Prof. Shane Steinert-Threlkeld

Relevant coursework 2022

- NLP techniques (POS tagging, morphological analysis, parsing, semantic parsing)
- Advanced Statistical Methods (classical machine learning algorithms, neural networks)
- NLP System Design and Applications, Evaluation and Probing of Large Language Models

Université Sorbonne-Nouvelle (Paris III) 2019–2020
Bachelor in English Literature and Language
Focus on English literature, Linguistics and Translation

Sorbonne Université (Paris IV-Paris VI) 2016–2019
Bachelor in Computer Science
Bachelor in Philosophy
Final year on exchange at **University College London**
Focus on core Computer Science, Data Analysis, Logic, Philosophy of Language

WORK EXPERIENCE

NVIDIA, remote November 2023–present
Generative AI Analyst — Full-time contract

- Leading creation of dataset libraries and LLM labelling initiatives with cross-functional team of analysts and developers

Université Sorbonne-Nouvelle (Paris III), Paris 2020–2021
Teaching Assistant — Part-time

- Instructed over 100 students in one "Grammar and Linguistics" course and in two "English Phonology" courses
- Collaborated with professors, developed instructional materials, and provided support to students

PUBLICATIONS

mSCAN: a Multilingual Dataset for Compositional Generalization 2023

- First author, accepted at GenBench @ EMNLP
- Developed a grammar-based multilingual dataset for Compositional Generalization evaluation, conducted in-context learning experiments on the BLOOM and GPT3.5 models

PROJECTS

Narrative Understanding and Causal Inference in LLMs 2023

- Research project led by Michael Reagan, post-doc at the UW Computer Science Engineering department
- Performing extensive annotation tasks for causal reasoning and inference evaluation, meticulously analyzing data to identify causal relationships, and conducting literature reviews to support experiment design

Gender Bias, Multilingual Reasoning in LLMs 2023

- Member of Prof. Aylin Caliskan "AI bias cylce" directed research group
- Leading research project on gender bias and counterfactual fairness in LLMs

- Collaborating on a research project about multilingual reasoning abilities in LLMs: hybrid approach of benchmarking evaluation and socio-technical analysis

TECHNICAL SKILLS

- Programming and scripting: Python (NLTK, NumPy, Pandas), bash
- ML tech: PyTorch, HuggingFace
- Databases: SQL (MySQL)
- Version control: Git/GitHub

LANGUAGES

French (native), English (fluent), German (intermediate), Danish (elementary)