Michelle Yun

Innovative, driven, and detail-oriented computational linguist with experience applying statistical analysis and NLP techniques to extract insights from language data.

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Education

University of British Columbia — Vancouver, BC
MASTER OF DATA SCIENCE, Computational Linguistics — Sept 2022 - Nov 2023

University of British Columbia — Vancouver, BC
BACHELOR OF ARTS, Linguistics — Sept 2016 - May 2021

Relevant Experience

TEKsystems @Meta — Vancouver, BC (Remote)
AI Prompt Engineer, Contract Full-Time — Aug 2023 - Oct 2024

- Designed and optimized prompts for AI products at Meta, significantly increasing response quality.
- Adapted prompts for audiences across target markets, using localization techniques to ensure the language and content were suitable for each specific region.
- Edited AI responses to make them more engaging, natural, and unique, as well as appropriate for the given use case.
- Improved chatbot accuracy across multiple fields by thoroughly fact-checking responses to ensure all information was up to date, accurate, and linguistically consistent.
- Worked under tight deadlines to complete prompt engineering, proofreading, and localization tasks efficiently, lending linguistic support to stakeholders as needed.

Kai Analytics and Survey Research Inc. — Vancouver, BC
NLP Consultant, MDS-CL Capstone — May 2023 - July 2023

- Optimized data modelling pipeline for online reviews to maximize quality and quantity of insights.
- Implemented, tested, and deployed transformers-based machine learning models for simultaneous document-level sentiment classification and topic modelling over short text.

Projects & Research

Automating Interlinear Glossing for Low-Resource Languages
SIGMORPHON Shared Task 2023 (Association for Computational Linguistics)

- Researched and implemented deep learning models for generating grammatical descriptions of sentences in low-resource languages. Paper published in ACL Anthology.

Large Language Model for Medical Screening
LLMs for Brain Health 2023 (UBC Dynamic Brain Circuits in Health and Disease)

- Fine-tuned OpenAI's GPT-3 on medical data using prompt engineering strategies to build a conversational medical survey assistant.

Skills

Technical: Python (Pandas, NumPy, NLTK, Django), Regex, Linux, Git, Javascript, Excel
Other: Linguistics, Content Localization, Proofreading, Quality Assurance, Communication
Languages: native English; professional working Korean; limited working French