Jong Inn Park

St. Paul, MN

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EDUCATION

University of Minnesota   Sep 2022 - May 2024
Graduate Student | GPA of 3.8/4.0   *Twin Cities, MN*
· Master of Science in Data Science

Sungkyunkwan University   Mar 2013 - Feb 2019
Undergraduate Student | GPA of 3.96/4.5   *Seoul / Suwon, Korea*
· Bachelor of Economics in Statistics
· Bachelor of Science in Systems Management Engineering

EXPERIENCE

Piper Sandler   Sep 2023 - May 2024
Technology Intern   *Minneapolis, MN*
· Developing a prototype showing topic models and sentiment analysis of earnings call transcripts via Streamlit
· Constructing Python scraping pipelines to collect public financial data for Equity Capital Market group decision

Minnesota NLP Lab   Apr 2023 - Present
NLP Research Intern   *Minneapolis, MN*
· Developing Chrome extension using JavaScript, Python, Docker, and MongoDB to collect user browsing data, collaborating with MCAL lab to support research about how AI-powered search will affect future advertisement
· Analyzed collected research data, published project's web page, and built language model platform using Python

Samsung Card   Jan 2019 - Jul 2022
Data Analyst   *Seoul, Korea*
· Developed web scraping modules and pipelines in Python to collect social media data and analyzed the trend in the credit card business to publish monthly reports for related teams
· Devised automated quality-assurance system for monitoring debt-collection calls with text classification models, which reduced 3 monitoring agents and increased coverage of monitoring from 1% to 100% of monthly calls
· Created text classification models, strategies for building models, data cleansing processes, and model evaluation standards to leverage newly discovered text data

PROJECTS

SelectLLM: Can LLMs Select Important Instructions to Annotate?   Sep 2023 - Feb 2024
Minnesota NLP Lab - Paper (Under review at ACL 2024), Github
· Constructed experiments finetuning language model (Llama2) with comparable baselines (Coreset, Diversity, CBS) and participated in writing as a second-author

Benchmarking Cognitive Biases in Large Language Models as Evaluators   Jun - Oct 2023
Minnesota NLP Lab - Paper (Under review at ACL 2024), Github, Page
· Analyzed language models' preference and evaluation data to extract agreement level and built playground page with model outputs

Open-sourced Large Language Model Platform (*talkative-llm*)   Apr - Aug 2023
Minnesota NLP Lab - Github
· Developed platform providing users tool for querying Large Language Models, including API-based models (OpenAI, Cohere) and Huggingface models (Used in NLP class - CSCI5541 Fall 2023)

SKILLS

Programming Languages: Python, R, SQL, HTML/CSS, JavaScript, Java
Data Engineering: MySQL, MongoDB, ER Modeling, Web Scraping, API, ETL, Chrome Extension
Data Science: Language Model Finetuning, Natural Language Processing, Topic Modeling, Clustering, SVM
Other Tools: Azure Cloud, Git, Docker, Excel, Tableau, Confluence