Xu Jundong

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https://aiden0526.github.io/JundongXu/

EDUCATION

National University of Singapore (NUS) Jan 2023 - Dec 2024
Master of Computing Singapore
Core course: Data Structure, Algorithm, Artificial Intelligence, Trustworthy Machine Learning, Software Engineering, etc.

University College London (UCL) Sep 2019 - Jul 2022
BSc Information Management for Business (First Class Honor) London, UK
Core course: Programming, Database Management, Web Technology, Linear Algebra, Quantitative Research Method, etc.

London School of Economics and Political Science (LSE) Jul 2022 - Aug 2022
Summer School: Machine Learning in Practice London, UK

Publication

- **Jundong X**., Hao F., Liangming P., Qian L., Mong-Li L., Wynne H. 2024. Faithful Logical Reasoning vis Symbolic Chain-of-Thought. In *Proceedings of the 62nd Annual Meeting of the Association for Computational Linguistics* (ACL 2024), Main Conference (Accepted)

Professional Activities

- **Reviewer** for Neurocomputing, 2024

RESEARCH EXPERIENCE

Center for Trusted internet and Community, NUS Oct 2023 - Present
Research Assistant Singapore
- Identify and prioritize valuable problems in the field of NLP logical reasoning
- Conduct comprehensive research on existing studies to understand the current state of the art and pinpoint shortcomings
- Propose innovative solutions to address the identified limitations in existing work
- Design and conduct experiments, followed by thorough analysis of the resulting data
- Compose high-quality research papers to present findings and contribute to the academic community

Zhangyue NLP Lab, Westlake University Jul 2023 - Oct 2023
Research Assistant Hangzhou, China
- Spearheaded research on the robustness of Large Language Models (LLM) in the face of prompt attacks.
- Designed and implemented custom code to generate self-instructed data, leveraging supervised fine-tuning techniques to enhance LLM's (Llama) resilience against prompt attacks.
- Conducted ongoing experiments to collect and preprocess data, aimed at elucidating the model's robustness behavior.
- Engaged in the analysis phase, with a focus on deriving insights from experiments and coding work.

PROFESSIONAL EXPERIENCE

Midea Group Apr 2021 - Aug 2021
Application Engineer, Big Data Foshan, China
- Conducted thorough research to position customer needs by analyzing data and provided 10+ data-informed technical solutions to relevant business departments, aligning with stakeholders' requirements with agile.
- Developed several strategies for data collection to gain users' behavior pattern
- Engaged in the entire process of product development and robotics process automation, boosting efficiency by 20%

AIA Information Technology Co., Ltd Aug 2020 - Dec 2020
Data Analyst Intern Guangzhou, China
- Monitored the ETL project progress, actively engaged with relevant colleagues and senior managers, and accurately delivered tasks to managers and clients
- Evaluated the technical performance of the ETL pipeline using Excel (Macro, PivotTable), completed data cleaning and visualization through Python, and delivered 10+ BI reports
- Assisted in setting up and testing the feasibility of the SQL database

PROJECT EXPERIENCE

Effects of Recommendation Systems on Consumer's Purchase Intention Sep 2021 - Apr 2022
Undergraduate Dissertation (First Class/Distinction) London, UK
- Conducted a comprehensive critical review of state-of-the-art literature on various Recommender Systems (RS) and their potential impact on customer purchase intentions in e-commerce.
- Formulated hypotheses and devised an experimental framework to gather primary behavioral data
- Employed statistical analysis, including multiple linear regression models and t-tests utilizing SPSS
- Provided valuable future recommendations for enhancing the development of Recommender Systems in e-commerce
- Delivered a research paper that received an outstanding grade of 75%, reflecting a high first-class achievement

MISCELLANEOUS

- **Skills:** Python, Linux, Latex, Excel, etc.
- **Languages:** Mandarine (Native), Cantonese (Native), English (Professional)