


NICHOLAS CRISPINO

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Summary

First-year PhD student in computer science experienced in natural language processing as well as traditional machine learning through research, projects, and courses. Practical experience in managing projects and engaging in collaborative research.

Education

Washington University in St. Louis

St. Louis, MO

PhD in Computer Science

August 2024–

- **Advisor:** Chenguang Wang, director of the WashU NLP Group
- **Awards:** Dean's Select Fellowship (2024), Cox Family Fellowship (2024)

Bachelor of Science

September 2020–December 2023

- **Majors:** Computer Science + Economics (primary), Statistics (double)
- **Selected Coursework:** Machine Learning, Introduction to Machine Learning, Introduction to Artificial Intelligence, Advanced Algorithms, Introduction to Analysis, Introduction to Lebesgue Integration, Bayesian Statistics
- **Awards:** Undergraduate Engineering Valedictorian, Ernest D. Weiss Junior Award for Academic Excellence – Computer Science and Engineering, Brian Blank Award in Mathematics, Antoinette Frances Dames Award for Productive Scholarship in Engineering

Publications

J Tu, Z Ni, **N Crispino**, Z Yu, M Bendersky, B Gunel, R Jia, X Liu, L Lyu, D Song, C Wang. MLAN: Language-Based Instruction Tuning Improves Zero-Shot Generalization of Multimodal Large Language Models. In arXiv preprint 2411.10557.

L Phan, A Gatti, Z Han, N Li, W Zhang, **N Crispino**, C Wang, D Li, J Shen, K Montgomery, H Szlyk, T Wang, S Yoe, A Wang, D Hendrycks, many others. (2025). Humanity's Last Exam. In arXiv preprint 2501.14249.

N Crispino, K Montgomery, F Zeng, D Song, and C Wang. (2024). Agent Instructs Large Language Models to be General Zero-Shot Reasoners. International Conference on Machine Learning (ICML 2024).

Teaching

Teaching Assistant

St. Louis, MO

Natural Language Processing – Co-Head TA

September 2023 – December 2023

Analysis of Algorithms

February 2023 – May 2023

Introduction to Computer Science – Section Lead

January 2021 – December 2023

Technical Skills

Languages: Proficient in Python (Transformers, PyTorch, NumPy, scikit-learn, pandas, Matplotlib), Java. Familiarity with Linux, R, Matlab, Stata, C, C++, CUDA, SQL.