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Homepage: https://bin-hu.com

Bin Hu

Education

University of Maryland, College Park — College Park, MD
M.S. in Computer Science — *(expected)* May 2027

University of Minnesota, Twin Cities — Minneapolis, MN
B.S. in Computer Science — May 2025
B.A. in Mathematics — May 2025
- GPA: 3.88/4

National University of Singapore — Singapore
Study Abroad Program — Aug 2024 - Dec 2024

Peer-Reviewed Publications

P3. **Revealing Location-related Privacy Leakage on Multi-modal Large Reasoning Model**
Weidi Luo, Tianyu Lu, Qiming Zhang, Xiaogeng Liu, Bin Hu, Yue Zhao, Jieyu Zhao, Song Gao, Patrick McDaniel, Zhen Xiang, Chaowei Xiao
• *ICCV 2025 Workshop on Building Foundation Models You Can Trust* (Oral)
• Concurrently under submission to *ICLR 2026*

P2. **How LLMs Comprehend Temporal Structure in Narratives: A Case Study in Cognitive Evaluation of LLMs**
Karin de Langis, Jong Inn Park, Andreas Schramm, Bin Hu, Khanh Chi Le, Dongyeop Kang
• *ACL 2025*

P1. **Confidence Calibration and Rationalization for LLMs via Multi-Agent Deliberation**
Ruixin Yang, Dheeraj Rajagopal, Shirley Anugrah Hayati, Bin Hu, Dongyeop Kang
• *ICLR 2024 Workshop on Reliable and Responsible Foundation Models*

Preprints

R3. **Code Agent can be an End-to-end System Hacker: Benchmarking Real-world Threats of Computer-use Agent**
Weidi Luo, Qiming Zhang, Tianyu Lu, Xiaogeng Liu, Bin Hu, Hung-Chun Chiu, Siyuan Ma, Yizhe Zhang, Xusheng Xiao, Yinzhi Cao, Zhen Xiang, Chaowei Xiao
• Under submission to *ICLR 2026*

R2. **A Framework for Robust Cognitive Evaluation of LLMs**
Karin de Langis, Jong Inn Park, Bin Hu, Khanh Chi Le, Andreas Schramm, Michael C Mensink, Andrew Elfenbein, Dongyeop Kang
• Under submission to *ACL Rolling Review*

R1. **Tracking the Artifactuality of LLM-Generated Data**
Debarati Das, Karin De Langis, Anna Martin-Boyle, Jaehyung Kim, Minhwa Lee, Zae Myung Kim, Shirley Anugrah Hayati, Risako Owan, Bin Hu, ..., Dongyeop Kang

Research Experience

Undergraduate Research Student — June 2023 - May 2025
Supervisor: **Dr. Dongyeop Kang** @ *University of Minnesota*

Undergraduate Research Intern — July 2024 - Oct 2024
Mentor: **Dr. Wenya Wang** @ *Nanyang Technological University*

Mathematics Capstone — Jan 2024 - May 2024
Mentor: **Dr. Jeff Calder** @ *University of Minnesota*

Teaching Experience

Teaching Assistant, CSCI 5541 - Natural Language Processing — Jan 2025 - May 2025
University of Minnesota, Instructor: *James Mooney*

- Assisted in teaching a graduate-level course with over 60 students.
- Delivered a tutorial session on LLM deployment and efficient inference techniques.
- Held weekly office hours and tutored students on course projects.

Misc Experience

Research Assistant Oct 2025 -
Center for Educational Data Science and Innovation @ *University of Maryland*

Academic Services

Conference Workshop Reviewer 2024
EMNLP 2024 Workshop on Customizable NLP

Reading Group Member 2023 - 2024
Seeking-SOTA-NLP Reading Group @ *University of Minnesota*

Awards and Honors

Ella Thorpe Undergraduate Scholarship 2024
School of Mathematics @ *University of Minnesota*

Dean's List
College of Science and Engineering @ *University of Minnesota* 2023 - 2025
College of Liberal Arts @ *University of Minnesota* 2022 - 2025

Phi Beta Kappa
Phi Beta Kappa Honor Society @ *University of Minnesota* 2025

Selected Skills

Tools: Linux, Docker, Git, LaTeX, PyTorch, Slurm.

Programming: Python, JavaScript, Java, SQL, OCaml.

Python Packages: Transformers, vLLM, LangChain, Scikit-learn, Pandas, NumPy, Matplotlib, SocketIO, Flask, Wandb, NLTK, SQLite.

Natural Languages: Mandarin Chinese - *Native*; English - *Working proficient*.

Selected Course-works

At the University of Maryland:

CMSC 723	Natural Language Processing - *In progress*
CMSC 818I	Large Language Model, Privacy and Security - *In progress*
CMSC 848R	Language Model Interpretability - *In progress*

At the University of Minnesota:

CSCI 5541	Natural Language Processing - *Grade: A*
CSCI 5561	Computer Vision - *Grade: A*
LING 5801	Intro to Computational Linguistics - *Grade: A*
LING 3001	Intro to Linguistics - *Grade: A*
MATH 4242	Applied Linear Algebra - *Grade: A*