

# Bin Hu

Last updated: June, 2024

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## Education

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09/2022 – 05/2025 (Expected)	<b>University of Minnesota, Twin Cities</b> <b>B.S. in Computer Science &amp; B.A. in Mathematics (GPA: 3.919 / 4)</b>	Minneapolis MN, USA
08/2024 – 12/2024	<b>National University of Singapore</b> , Exchange Student	Singapore, Singapore
09/2020 – 06/2022	<b>Xi'an Jiaotong-Liverpool University</b> , Undergraduate Student	Suzhou, China

### Selected Coursework:

Natural Language Processing | Intro. Computational Linguistics | Computer Vision | Intro. Databases  
Artificial Intelligence | Intro. Operating Systems | Algorithms & Data Structures | Applied Linear Alg.

## Papers

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- 2024 **Confidence Calibration and Rationalization for LLMs via Multi-Agent Deliberation**  
R Yang, D Rajagopal, S Hayati, **B Hu**, D Kang  
*ICLR 2024 Workshop on Reliable and Responsible Foundation Models*, [arXiv:2404.09127](https://arxiv.org/abs/2404.09127)
- Under the Surface: Tracking the Artifactuality of LLM-Generated Data**  
D Das, K De Langis, A Martin, J Kim, M Lee, ZM Kim, S Hayati, R Owan, **B Hu**, ..., D Kang  
Under Review, [arXiv:2401.14698](https://arxiv.org/abs/2401.14698) [PDF] [Code] [Project]

## Research Experience

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- 06/2023 – present **Undergraduate Research Intern**, Minnesota NLP Group, University of Minnesota  
Supervisor: [Dongyeop Kang](#)
- 01/2024 – 05/2024 **Senior Project (Mathematics Capstone)**, University of Minnesota  
Mentor: [Jeff Calder](#)
- 12/2021 – 05/2022 **Winter Research Program**, Xi'an Jiaotong-Liverpool University  
Mentor: [Erick Purwanto](#)

## Skills

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**Programming Languages:** Python, Java, OCaml, JavaScript, SQL

**Tools:** Docker, Git, LaTeX, PyTorch, Slurm

**Python Packages:** Transformers, Scikit-learn, Matplotlib, SocketIO, Flask

**Natural Languages:** Mandarin Chinese, English

## Awards & Honors

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- 06/2024 **Ella Thorpe Undergraduate Scholarship**  
School of Mathematics, University of Minnesota
- 06/2022 **First Prize, XJTU Big Data Competition**  
School of AI and Advanced Computing, Xi'an Jiaotong-Liverpool University

All Semesters **Dean's List**

College of Liberal Arts & College of Sci and Engineering, University of Minnesota