Jongho Park

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Education

University of Wisconsin-Madison   *M.S., Computer Sciences, 2021*
Advisor: Christos Tzamos
Interests: Learning Theory, Robust Statistics, Language Models

University of California, Berkeley   *B.A., Computer Science and Mathematics (with high honors), 2019*

Current Position

Deep Learning Researcher, KRAFTON Inc.   *2021 – 2025*
Core Research Team Lead   *2024 – 2025*
Working on LLMs and multimodality at Krafton AI, led by Prof. Kangwook Lee.
Fulfills alternative mandatory military service for 11/2021–11/2024.

Publications

*α-β denotes alphabetical order; * denotes equal contribution.*

1. Task Diversity Shortens the ICL Plateau
   Jaeyeon Kim, Sehyun Kwon, Joo Young Choi, **Jongho Park**, Jaewoong Cho, Jason D. Lee, Ernest K. Ryu
   Under review at ICLR 2025

2. KV-Dict: Sparse KV Cache Compression with Universal Dictionaries
   Junhyuck Kim, **Jongho Park**, Jaewoong Cho, Dimitris Papailiopoulos
   Under review at ICLR 2025

3. Can Mamba Learn How to Learn? A Comparative Study on In-Context Learning
   Jongho Park, Jaeseung Park, Zheyang Xiong, Nayoung Lee, Jaewoong Cho, Samet Oymak,
   Kangwook Lee, Dimitris Papailiopoulos
   ICML 2024

4. First-order Stochastic Optimization with Oblivious Noise
   Ilias Diakonikolas, Sushrut Karmalkar, **Jongho Park**, Christos Tzamos (*α-β*)
   NeurIPS 2023

5. GLM Regression with Oblivious Corruptions
   Ilias Diakonikolas, Sushrut Karmalkar, **Jongho Park**, Christos Tzamos (*α-β*)
   COLT 2023

6. Prompted LLMs as Chatbot Modules for Long Open-domain Conversation
   Gibbeum Lee*, Volker Hartmann*, **Jongho Park***, Dimitris Papailiopoulos, Kangwook Lee
   Findings of ACL 2023

7. ReLU Regression with Massart Noise
   Ilias Diakonikolas, **Jongho Park**, Christos Tzamos (*α-β*)
   NeurIPS 2021

8. On Robust Mean Estimation under Coordinate-level Corruption
   Zifan Liu*, **Jongho Park***, Theodoros Rekatsinas, Christos Tzamos
   ICML 2021

9. [Literary Event Detection](#)
   Matthew Sims, **Jongho Park**, David Bamman
   ACL 2019

Awards and Fellowships

Kwanjeong Educational Foundation Fellowship   *2019 – 2021 (on pause)*

CS Summer Research Assistantship   *Summer 2020*
Awarded to outstanding students who were first-year graduate students at UW-Madison.

CS Departmental Scholarship   *UW-Madison, 2019–2020*

Teaching Experience

Teaching Assistant, UW-Madison

- Advanced Algorithms (COMPSCI 787), Fall 2020
- Intro to Algorithms (COMPSCI 577), Spring 2020
- Intro to Discrete Math (COMPSCI 240), Fall 2019

Head Teaching Assistant, UW-Madison

- Intro to Algorithms (COMPSCI 577), Spring 2021

Undergraduate Student Instructor, UC Berkeley

- Efficient Algorithms and Intractable Problems (CS 170), 2018–2019
- Intro to Discrete Math and Probability (CS 70), Summer 2017

Professional Service
Reviewer: ACL, AISTATS, NeurIPS, ICML, STOC

Languages and Skills
English (native), Korean (native)
Python (PyTorch, TensorFlow), Java, LaTeX

References

[Christos Tzamos](#)   Associate Professor, University of Athens

[Ilias Diakonikolas](#)   Professor, University of Wisconsin-Madison

[Kangwook Lee](#)   Assistant Professor, University of Wisconsin-Madison; Krafton AI

[Dimitris Papailiopoulos](#)   Associate Professor, University of Wisconsin-Madison