Chicago Y. Park

Email: chicago@wustl.edu   **Webpage:** chicagopark.github.io   **Office:** WashU CS PhD Office

Education

2024 – Present	**Washington University in St. Louis (WashU)** PhD Candidate in Computer Science	St. Louis, MO
2022 – 2024	**WashU** BS in Computer Science *summa cum laude*	St. Louis, MO

Research Experiences

2025.05 – Present	**Los Alamos National Laboratory** Generative AI Research Intern	Los Alamos, NM
2024.05 – 2024.08	**Los Alamos National Laboratory** Generative AI Research Intern	Los Alamos, NM
2022.07 – 2024.05	**Computational Imaging Group (CIG) at WashU** Undergrad. Researcher & 2023 Summer Research Intern	St. Louis, MO

Preprint

[A1] Measurement Score-Based Diffusion Model
Chicago Y. Park[†], Shirin Shoushtari, Hongyu An, and Ulugbek S. Kamilov
arXiv:2505.11853, 2025.

Conference

[C2] Plug-and-Play Priors as a Score-Based Method
Chicago Y. Park[†], Yuyang Hu, Michael T. McCann, Cristina Garcia-Cardona, Brendt Wohlberg, and Ulugbek S. Kamilov
ICIP 2025

[C1] Convergence of Nonconvex PNP-ADMM with MMSE Denoisers
Chicago Y. Park[*], Shirin Shoushtari[*], Weijie Gan, and Ulugbek S. Kamilov
IEEE CAMSAP 2023, — Best Student Paper Award Finalist

Journal

[J2] Random Walks with Tweedie: A Unified View of Score-Based Diffusion Models
Chicago Y. Park[†], Michael T. McCann, Cristina Garcia-Cardona, Brendt Wohlberg, and Ulugbek S. Kamilov
Signal Processing Magazine 2025, — High-impact journal [Impact Factor = 9.6]

[J1] Efficient Model-based Deep Learning via Network Pruning and Fine-Tuning
Chicago Y. Park[*], Weijie Gan[*], Zihao Zou, Yuyang Hu, Zhixin Sun and Ulugbek S. Kamilov
IEEE JMIV 2025

Reviewer (Journal)

2024.10 – Present	**IEEE TCI**	
2024.10 – Present	**IEEE ICASSP**	

Honors and Awards	2025.09	**Student Travel Award ($750)** Issued by 2025 IEEE ICIP	Anchorage, AK
	2024.08 – 2025.05	**Honor PhD (top 15 %)** Issued by Department of Computer Science and Engineering, WashU	St. Louis, MO
	2024.04	**Ernest. D Weiss Senior Award** Issued by Department of Computer Science and Engineering, WashU	St. Louis, MO
	2024 – 2029	**Dean's Select PhD Fellowship** Issued by WashU	St. Louis, MO
	2023.12	**Student Travel Award** Issued by 2023 IEEE CAMSAP	Hacienda Belén, Costa Rica
	2023.12	**Best Student Paper Award Finalist** Issued by 2023 IEEE CAMSAP	Hacienda Belén, Costa Rica
	2022.08 – 2024.05	**Dean's List** Issued by WashU	St. Louis, MO
	2021	**Honorable Judge Award, 9th Cloud Programming World Cup** Issued by Forum 8	Tokyo, Japan
	2020 – 2022	**Full Silla Scholarship** Issued by Sillaholdings	Seoul, South Korea

Professional Societies	2024.09 – present	**Society for Industrial and Applied Mathematics(SIAM) Graduate Student Member**
	2024.04 – present	***Tau Beta Pi*** **Engineering Honor Society**
	2023.10 – present	**Institute of Electrical and Electronics Engineers(IEEE) Student Member**

Research Mentorship	2025.01 – Present	**Dijkstra Liu** WashU Undergraduate Research	St. Louis, MO
	2025.01 – Present	**Ran Duan** WashU Undergraduate Research	St. Louis, MO
	2024.10 – Present	**Emily Zeiberg** WashU Master Research	St. Louis, MO
	2024.08 – Present	**Jason Zhao** WashU Undergraduate Research	St. Louis, MO

Teaching Experiences	2023.01 – 2023.12	**CSE 247 Data Structure and Algorithm, WashU** Teaching Assistant	St. Louis, MO

Military Service	2017.02 – 2018.11	**Republic of Korea Army** Sergent & Company Signaller & Barber	Gangwon, South Korea