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 Student in Computer Science | St. Louis, MO |
| | 2022 – 2024 | **WashU**
 BS in Computer Science
 summa cum laude | St. Louis, MO |

Research Experiences	2025.05 – 2025.08	**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

[A2] Measurement Score-Based MRI Reconstruction with Automatic Coil Sensitivity Estimation
Tingjun Liu*, Chicago Y. Park*, Yuyang Hu, Hongyu An, and Ulugbek S. Kamilov
arXiv:2509.18402, 2025.

[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
IEEE 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
IEEE 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
Journal of Mathematical Imaging and Vision 2025

| **Reviewer (Journal)** | 2024.10 – Present | **IEEE TCI** |

Reviewer (Conf.)	2025.11 – Present	**CVPR**	

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 – 2025.05	**Ran Duan** WashU Undergraduate Research	St. Louis, MO
	2024.10 – 2025.05	**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**   Gangwon, South Korea
Sergent & Company Signaller & Barber