

Suyeong Park

suyeong.park0@gmail.com | github.com/euphoria0-0

RESEARCH INTEREST

My career interests are mainly on making **Trustworthy AI** for real-world applications by collaborations of information in data and knowledge from human beings. I believe ‘understanding an intrinsic attributes of things and their interactions using our knowledge’ is crucial for deploying ML models for better human-being life in real-world. Thus, I’m interested in identifying **Causality** implied on data for more reliable ML models.

EDUCATION

Ulsan National Institute of Science and Technology (UNIST)

Ulsan, Korea

Master of Science in Artificial Intelligence

Aug. 2020 – Aug. 2022

GPA: 4.15/4.3

Advisor: Prof. Kwang In Kim and Prof. Namhoon Lee

Relevant Coursework: Causal Learning & Explainable AI, Reinforcement Learning, Advanced Machine Learning Topics

University of Seoul

Seoul, Korea

Bachelor of Science in Statistics and Data Science

Mar. 2015 – Feb. 2020

GPA: 3.7/4.5

Relevant Coursework: Bayesian Statistics, Machine Learning, Deep Learning, Time Series Analysis, Multivariate Statistics, Statistical Computing, Linear Algebra, Probability Theory, Mathematical Statistics

EXPERIENCE

AI Research Scientist, *CryptoLab*

Sep. 2023 - Present

Privacy-Preserving Machine Learning by Homomorphic Encryption

Seoul, Korea

Research Intern, *Lunit*

Jan. 2023 - Aug. 2023

Bayesian Optimization for AutoML

Seoul, Korea

Visiting Researcher, *CausalML Lab@Purdue University*

Jul. 2022 - Aug. 2022

Bayesian Causal Discovery

West Lafayette, US

Research Assistant, *MLV Lab@UNIST*

Aug. 2020 – Aug. 2022

Bayesian Active Learning, Federated learning, Transfer learning, Image Attribute Estimation

Ulsan, Korea

Data Analyst and Engineer Intern, *Seoul Big Data Campus*

Mar. 2020 - Jun. 2020

Citizen Movement and Consumption Behaviour analysis around Seoul city

Seoul, Korea

Data Analyst Intern, *FSC*

Sep. 2019 - Feb. 2020

Data analysis with financial public data

Seoul, Korea

PUBLICATION

Active Deep Learning Guided by Efficient Gaussian Process Surrogates

[\[paper\]](#)

Y. Ahn, S. Park*, K. Kim., arXiv preprint, 2023*

Active Client Selection for Communication-efficient Federated Learning

[\[paper\]](#)

S. Park, Master's Thesis, 2022

Bayesian Optimization Meets Self-Distillation

[\[paper\]](#)

H. Lee, H. Song, H. Lee, G. Lee, S. Park, D. Yoo., ICCV, 2023

PROJECTS

Privacy-Preserving Machine Learning by Homomorphic Encryption

Sep. 2023 – Present

Bayesian Optimization for Hyper-Parameter Optimization in AutoML

Jan. 2023 – Aug. 2023

Visual Common Sense Through Self-supervised Learning for Restoration of Invisible Parts in Image

April. 2021 – Aug. 2022

Causal Learning with Artificial Intelligence for genome dataset

Mar. 2021 – Dec. 2021

Citizen Movement and Consumption Behaviour analysis around Seoul city

Apr. 2020 – Jun. 2020

Data analysis with financial public data

Jan. 2020 – Feb. 2020

Last Updated: September 27, 2023