

JIYOUNG PARK

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EDUCATION

- Ph.D. in Statistics, Texas A&M University** 2021.08 - Present
- Advisor: Dr. Anirban Bhattacharya.
- Master in Mathematics, Texas A&M University** 2023.08 - Present
- Advisor: Dr. Jonathan W. Siegel.
- Bachelor of Science and Arts, Seoul National University (SNU)** 2013.03 - 2020.08
- **Major:** Statistics, Economics. **Minor:** Computer Science and Engineering.
- Graduation with honors (Summa cum laude).
- GPA (Overall, Major / Maximum): 3.96, 4.09 / 4.3

RESEARCH INTEREST

Optimal Transport, Approximation Theory, Optimization Theory, Learning Theory, Variational Inference, Sampling Problem.

PUBLICATIONS

Published & Accepted Articles

- **Jiyoung Park**, Ian Pelakh, Stephan Wojtowytsch (2023). “Minimum norm interpolation by perceptrs: Explicit regularization and implicit bias”. *NeurIPS 2023*. [Link]

PROFESSIONAL EXPERIENCES

Research Experiences

- NSF Math Sciences Graduate Internship. 2023.05.22 - 2023.07.28
- Hosting Facility: National Institute of Standards and Technology, Gaithersburg.
- Supervisor: Dr. Gunay Dogan.
- Topic: Geometric Uncertainty Quantification in Image Segmentation (Work in Progress).
- KC Machine Learning Lab, South Korea (*Research Resident*). 2019.05 - 2021.02
- Advisor: Dr. Chan Y. Park.
- Researches on Machine Learning.
 - The Representation Learning in a Reinforcement Learning.
 - Graph Neural Network (A blog post).

Work Experience

- Naver Webtoon Corp., South Korea (*Software Engineer Intern*). 2018.07 - 2018.08
- Implemented HBase APIs for log-Data preprocessing.

TEACHING

Teaching Assistant	Texas A&M University
- Stat 445/645: Applied Biostatistics and Data Analysis	Fall 2022
- Stat 642: Methods of Stat II	Spring 2022
- Stat 652: Stat In Research II	Fall 2021

AWARDS & HONORS

NeurIPS 2023 Scholar Award.	2023.12
Summa Cum Laude, Seoul National University.	2020.08
Samsung Convergence Software Course (SCSC).	2017.09 - 2020.08
- Jointly Certified by Seoul National University and Samsung Electronics.	
Bank of Korea Monetary Policy Challenge.	2017.08
- 2nd Place in Regional Qualifier & 4th Place in National Finals.	
Merit-based Scholarships, Seoul National University.	2014.03 - 2014.06, 2016.09 - 2020.02
- Scholarship Awarded Based on GPA.	
Youndang Scholarship, Youndang Scholarship Foundation.	2017.03 - 2020.02
Jeonju Scholarship, Jeonju Human Resources Development Foundation.	2016.09 - 2016.12
Work-Study Scholarship, Seoul National University.	2016.09 - 2018.08

TECHNICAL SKILLS

Programming Languages	Python, R, C, Java, Assembly Language (x86-64).
Software & Frameworks	Pytorch, Repp, Linux, L ^A T _E X, Git, SQL, HBase.

EXTRACURRICULAR ACTIVITIES

SNU Financial and Economic Research Seminar (SFERS).	2016.09 - 2017.12
- Analysis of the Labor Market Equilibrium Under Foreign Labor Influx (<i>Team Director</i>).	2017.09 - 2017.12
- Analysis on Relation Between Decentralization and Economical Growth (<i>Deputy Team Director</i>).	2017.03 - 2017.06
- Analysis and Policy Proposal for Inequality of Income in Korea Using Gini-Coefficient Decomposition of Source of Income (<i>Team Member</i>).	2016.09 - 2016.12
Republic of Korea Auxiliary Police	2014.09 - 2016.06
Joong-bu Security Patrol, Seoul Metropolitan Police Agency.	
- Discharged as a Sugyeong (Equivalent to a Sergeant in Republic of Korea Army).	
Volunteering	
- Cooking Class Assistant for Students with Disabilities.	2019.03 - 2019.06
- Teaching Volunteer for Multicultural Students.	2014.03 - 2014.06
SNU Festival Planning Organization	
- PR Team: Team Member (13.08-14.01), Leader (14.01-14.06).	2013.08 - 2014.06

ADDITIONAL INFORMATION

Date of Birth	1994.04.22
Citizenship	Republic of Korea
Mandatory Military Service	Completed
Language	Korean (Native), English (Fluent)