

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 (College of Natural Science), Economics (College of Social Science).
 - Minor: Computer Science and Engineering (College of 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.

PUBLICATIONS

- **Jiyoung Park**, Ian Pelakh, Stephan Wojtowytsch (2023). “Minimum norm interpolation by shallow networks: Explicit regularization and implicit bias”. *NeurIPS 2023*. To appear.

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.

Work Experience

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

TECHNICAL SKILLS

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

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

HONORS & SCHOLARSHIPS

- 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

EXTRACURRICULAR ACTIVITIES

- SNU Financial and Economic Research Seminar (SFERS).** 2016.09 - 2017.12
- Analysis of the Labor Market Equilibrium Under Foreign Labor Influx
(*Team Director*). 2017.09 - 2017.12
 - Analysis on Relation Between Decentralization and Economical Growth
(*Deputy Team Director*). 2017.03 - 2017.06
 - Analysis and Policy Proposal for Inequality of Income in Korea Using
Gini-Coefficient Decomposition of Source of Income.
(*Team Member.*) 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)