Sungwoo Park

M.S. Student in Uncertainty Quantification Lab @ SNU

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Interests

My main interest is **data analysis about real-world problem**. I'm also interested in **solving data science or statistic problems** with mathematical way.

Education

Seoul National University	**Seoul, South Korea**	*Mar 2025 - Present*

M.S. in Statistics

Sungkyunkwan University	**Seoul, South Korea**	*Mar 2018 - Feb 2025*

B.S. in Computer Education and Mathematics Education

- Relevant Courses: Probability and Statistics I, II, Multivariate Statistical Analysis, Artificial Intelligence, Linear Algebra, Analysis
- Obtained Public Teacher Certificates in Computer Science Education and Mathematics Education

Experience

Research Assistant *(Uncertainty Quantification Lab @ SNU)*	**Seoul, South Korea**	*Jun 2025 - Present*

Advised by Prof. Won Chang

Research Assistant *(Sungkyunkwan University)*	**Seoul, South Korea**	*Jul 2023, Feb 2024 - Jun 2024*

Worked as undergraduate research assistant for Professor Young-Geun Choi

- Estimators about PU(Positive-Unlabeled) Learning and its consistency
- Convert teaching resources from R to Python

Trainee *(SW Maestro)*	**Seoul, South Korea**	*Apr 2019 - Dec 2019*

10th Software Maestro for trainee and proceeding yoga posture correction application 'Somathealth' project

- Develop RestAPI Video Server based on Django
- Making ML Pipeline

Teaching

- F32.102 Statistics, Teaching Assistant (2025 Summer)
- F32.102L Statistics Lab, Teaching Assistant (2025 Spring, Summer)

Skills

- **Data Analysis & Visualization:** Pandas, Numpy, Matplotlib
- **Programming:** Python, R, C/C++, Javascript, AWS, Linux
- **Language:** Korean(Native), English(Intermediate High)

External Activities

Republic of Korea Army	*Sep 2021 - Mar 2023*

Militery Service

Yari-content-ko Organizer *Mozilla Developer Network*	*Apr 2021 - May 2024*

Responsible for reviewing Korean translated docs on MDN

Member *42 Seoul*	*Jan 2020 - Dec 2023*

Ecole 42, educational program in 42 Seoul, is a future-proof CS training to educate the next generation of software engineers

Head of Education *Likelion SKKU*	*Mar 2018 - Feb 2020*

Educated non-majors with basic CS knowledge (Network, Linux, etc.) and Django stack to quickly realize their project ideas