

# JeongJun Moon

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## POSITIONS HELD

### National Cancer Center

Research Data Scientist

Ilsan, South Korea

May, 2024 – Aug, 2025

- Contributed to developing survival models to predict cancer patient prognosis and provide actionable insights for clinical decision-making.
- Built an interactive web application to deliver predictive information, enhancing patient understanding of their cancer status and supporting data-driven decisions by clinicians.
- Researched applications of A.I in clinical analysis, focusing on quantifying uncertainty and developing practical solutions for real-world implementation.

### H&Consulting

Data Analyst

Seoul, South Korea

Feb, 2022 – Aug, 2022

- Conducted data analysis and created visualizations to provide actionable insights for the company's consulting services in the sports sector.
- Contributed to research identifying underappreciated athletes in the Korean Basketball League and assess management strategies to improve team efficiency.

### Hillman Library R & Rstudio Office Hour

Volunteer Tutor

Pittsburgh, PA

September, 2023 – April, 2024

- Volunteer tutor during weekly drop-in office hours at the University of Pittsburgh Library to assist R users in the Pitt community, including students, faculty, and staff.

## EDUCATION

### University at Buffalo – The State University of New York

Ph.D. in Computational and Data-Enabled Science

Buffalo, NY

Sep, 2025 – Present

### University of Pittsburgh

M.A. in Statistics

Pittsburgh, PA

Sep, 2022 – April, 2024

### University of Washington

B.A. in Geography: Data Science, Minor in Informatics

Seattle, WA

Sep, 2019 – Dec, 2021

## PUBLICATIONS

Philsoo Kim · SangHyun Lee · JeongJun Moon (2024). Evaluating the Operational Efficiency of NBA Teams on Franchise Value: An Assessment of Data Envelopment Analysis. Plos One.

<https://doi.org/10.1371/journal.pone.0297797>

SangHyun Lee · JeongJun Moon · Philsoo Kim (2023). When Does Losing Lead to Winning? An Empirical Investigation on the Korean Professional Basketball League. Korean Journal of Sport Science.

<https://doi.org/10.24985/kjss.2023.34.4.618>

Philsoo Kim · JeongJun Moon (2023). DEA Assessment of Evaluating Possession based Player Efficiency of Korean Professional Basketball Players and Floor Impact Counter Performance. Korean Society of Sport and Leisure Studies.

<https://doi.org/10.51979/KSSLS.2023.04.92.39>

## CONFERENCE POSTERS

Anujin Rentsentavkhai · JeongJun Moon · HoeJun Kwon · Hyunsoon Cho (2024). Development of an Interactive Tool

for Better Understanding and Communication of Gastric Cancer Survival and Competing risk. Asia Pacific Academic Consortium for Public Health.

**AWARDS AND HONORS**

**Best Poster Presentation**, Asia Pacific Academic Consortium for Public Health 2024

**PROFICIENCIES AND PROFESSIONAL SKILLS**

Programming	R / Shiny, Python, SQL
Libraries	Tensorflow, Scikit-learn, Keras, Selenium, Pytorch