

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

Pittsburgh, PA

Volunteer Tutor

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

Buffalo, NY

Ph.D. in Computational and Data-Enabled Science

Sep, 2025 – Present

University of Pittsburgh

Pittsburgh, PA

M.A. in Statistics

Sep, 2022 – April, 2024

University of Washington

Seattle, WA

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

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/KSSL.2023.04.92.39>

CONFERENCE POSTERS

Anujin Rentsentavkhai · JeongJun Moon · HoeJun Kwon · Jaemin Park, Sungmin Lim, Hyunsoon Cho (2025). GASTRO:

Development of an AI-Powered Personalized Prognosis Communication Tool for Gastric Cancer Using Population-Based Cancer Data and Competing Risks Approach. European Society For Medical Oncology Conference Poster.

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
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Libraries	Tensorflow, Scikit-learn, Keras, Selenium, Pytorch
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