Tae Nyoung Lee

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Research Interest

I am deeply intrigued by the realm of diverse *numerical* and *statistical algorithms*, accelerate them via *high performance computing* and also their *practical applications*. This fascination drives me to tackle the challenges of handling *large-scale data processing*, *intricate modeling*, and *simulations* with the aim of achieving more efficient and precise outcomes. The research and applications in these domains play a pivotal role in modern fields such as *data science*, *machine learning*, and *financial analysis*.

Education

2024.09 - 2026.08(expected)	**M.S. Statistics** Hankook University of Foreign Studies (HUFS)
2019.03 - 2024.08	**B.S. Major in Statistics, Minor in Mathematics** Hankook University of Foreign Studies (HUFS)

Experience

- **Yonsei U. School of Mathematics and Computing Undergraduate Research Program**
  Advisor : Professor Eun-Jae Park, 2024.01 - 2024.07

- **TA**
  Advanced Python Programming (2023 Spring semester)
  Regression Analysis (2024 Fall semester)
  Statistical Computing & Lab (2024 Fall semester)

- **Military service**
  Served and discharged from Republic Of Korea Marine Corps, Sergeant, Squad Leader
  2019.07 - 2021.02

Awards

- **2023.11 KSIAM-NIMS(한국산업응용수학회 - 국가수리과학연구소) Math Challenge 'Excellence Prize'**
  2023 Annual KSIAM meeting presentation(Poster) :
  "Near university commercial distirct analysis using multivariate ElasticNet regression"
  Advisor : Professor IlKyoo Choi

- **2019.3 HUFS English Comprehensive Competition 'Third Prize'**

Scholarship & Reward

- by KSIAM: 500,000 KRW
- by Hufsac: 2,500,000 KRW

Skills

- **Programming:** C, JAVA, Python, R, MATLAB
- **Miscellaneous:** Ice/Rock Climbing,