

# Fengke(Kevin) Liu

STATISTICS · UNDERGRADUATE STUDENT

19 Wolgok-ro Seongbuk-gu Seoul, Rep. of KOREA

☎ (+82) 10-2164-0422 | ✉ liufengke@korea.ac.kr | 📱 LIUFENGKE | 🌐 fengkeliu

## Summary

- Achieved the certificate of the Financial Mathematics exam provided by Society of Actuaries (SOA)
- Achieved the certificate of the Probability exam provided by Society of Actuaries (SOA)
- Recipient of High Achievers Scholarship Korea University
- Achieved an Excellent Award of Casualty Actuarial Society (CAS) Summer Actuarial Boot Camp
- Capacity for using the GLM model related to actuarial science

## Education

### Korea University

Seoul, S.Korea

B.S. IN STATISTICS (EXPECTED GRADUATION IN JUNE 2023)

Sep. 2019 - now

- GPA : 93.9/100
- 2022 Fall High Achievers Scholarship
- Main Courses: Probability (A+), Linear Algebra (A+), Mathematical Analysis (A), Bayesian Statistics (A+), Statistical Computing (A+), Time Series Analysis (A), Data Science (A), Regression Analysis (A), Multivariate Data Analysis (A), Statistical Mathematics (A+)

## Skills

**Programming** R (main language), SQL (MySQL), Python, LaTeX

**Software** SAS, SPSS, Microsoft Office (Word, Excel, Powerpoint), Adobe(Photoshop, Premiere)

**Languages** Chinese (native), English (IELTS 6.5), Korean (TOPIK 6)

## Activities

### Learning by Teaching Experience Language Exchange Program

Seoul, S.Korea

PARTICIPANT

Sep. 2022 - now

- Learned Korean and taught Chinese with partners once per week
- Enhanced communication ability and presentation skills through the program

### Casualty Actuarial Society (CAS) Summer Actuarial Boot Camp

Global

PARTICIPANT

July. 2022 - August. 2022

- Awarded as Excellent participant
- Studied actuarial knowledge related to casualty and property insurance, including basic ratemaking, reserving, reinsurance
- Took a part in the group project of ratemaking

### Research Journal in Bioinformatics

China

THE FIRST AUTHOR

Feb. 2022 - May 2022

- Led the overall process of the journal
- Completed all the data analysis, including penalized SVM modelization, the construction of co-expression network, the functional enrichment analysis, and survival analysis

### National Survey Research Center (NSRC)

Online, China

DATA COLLECTION TRAINEE

Sep. 2020 - Dec. 2020

- Performed and collected 500 questionnaires related to citizen's shelter in big cities
- Evaluated the quality of the data and provided the visualization of the result

### Korea University Art Club

Seoul, S.Korea

MEMBER

Sep. 2019 - Jun. 2020

- Taught the members how to create a Chinese Calligraphy
- Participated in the Korea University and Yonsei University Arts Exhibition

## Publications and Achievements

2022	<b>In publishing</b> , Liu, F., Hu,Y., The identification of biomarkers in triple-negative breast cancer with brain metastasis by machine learning and co-expression network	Zhengzhou, China
2022	<b>Passed</b> , the Financial Mathematics exam provided by Society of Actuaries (SOA)	Seoul, S. Korea
2022	<b>Approved</b> , the Validation by Educational Experience (VEE) of Accounting and Finance by SOA	Seoul, S. Korea
2022	<b>Approved</b> , the Validation by Educational Experience (VEE) of Mathematical Statistics by SOA	Seoul, S. Korea
2021	<b>Passed</b> , the Probability exam provided by Society of Actuaries (SOA)	Nanjing, China