

# Fengke(Kevin) Liu

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**Citizenship:** China

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## Research interests

Biostatistics, Bioinformatics, Computational Statistics

## Education

**Korea University**

Seoul, Rep. of Korea

BA in Statistics

Sep. 2019 – Present

GPA: 94.5 (4.01/4.50)

Mentors: Professors Seongjoo, Song.

## Selected coursework

- Math Courses: Linear Algebra I with Lab (A), Linear Algebra II with Lab (A+), Analysis I with Lab (A), Calculus I with Lab (A+), Calculus II with Lab (A+), Differential Equations & Computer Experiment (A)
- Statistics Courses: Statistical Computational Methods (A+), Introduction to Bayesian Statistics (A+), Multivariate Statistical Analysis (A), Statistical Mathematics (A+), Introduction to Probability Theory (A+), Time Series Analysis (A), Mathematical Statistics (B+), Categorical Data Analysis (A), Regression Analysis (A), Experimental Design Method (A), Actuarial Statistics (A)
- Programming Courses: Statistical Computer Programming (A), Statistical Data Science I (A), Deep Learning (A+)

## Honors and scholarships

High Achievers Scholarship (Korea University)

2022

Summer Boot Camp Excellent participant (Casualty Actuarial Society)

2022

## Publications

*The identification of biomarkers in triple-negative breast cancer with brain metastasis by machine learning and co-expression network*

**Liu, F., Hu,Y.**

*In Publishing*

## Activities

**LTE Language Exchange Program**

Seoul, Rep. of Korea

Participant

Sep. 2022 – Present

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

**CAS Summer Actuarial Boot Camp**

Online

Participant

July. 2022 - August. 2022

Studied actuarial knowledge related to casualty and property insurance, including basic rate-making, reserving, reinsurance; Took a part in the group project of ratemaking

	<b>National Survey Research Center (NSRC)</b> Data Collection Trainee 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	Online Sep. 2020 - Dec. 2020
	<b>Korea University Art Club</b> Member Taught the members how to create a Chinese Calligraphy; Participated in the Korea University and Yonsei University Arts Exhibition	Seoul, Rep. of Korea Sep. 2019 - Jun. 2020
Presentations	<b>Exploring Styles of Humor Via Exploratory Factor Analysis</b> A seminar in STAT 401 Multivariate Statistical Analysis, Using EFA to explore the styles of humor.	May 2022
Skills	<b>Programming</b> Proficient in: R, Python, $\LaTeX$ . Familiar with: SQL, SAS.  <b>Languages</b> Chinese: mother tongue English: written and spoken fluently Korean: good knowledge in both writing and reading	
Certificates	<b>Approved</b> the Validation by Educational Experience (VEE) of Accounting and Finance by Society of Actuaries (SOA) <b>Approved</b> the VEE of Mathematical Statistics by SOA <b>Passed</b> the Financial Mathematics exam provided by SOA <b>Graded</b> 6.5 in The International English Language Testing System <b>Passed</b> the Probability exam provided by SOA <b>Graded</b> 6 LEVEL in The Test of Proficiency in Korean	2022 2022 2022 2022 2021 2019