FELIX LING-JUN MENG

(416)-858-7321 | EMAIL | LINKEDIN | GITHUB

• Proactive • Data-Driven • Fast Learner • Team-Oriented • Resourceful • Responsible

ACTUARIAL EXAMS

- SOA Exam P/CAS Exam 1 – Probability **Passed – July 2022**
- SOA Exam FM/CAS Exam 2 – Financial Mathematics **Credit Earned – August 2022**
- SOA Exam FAM – Fundamentals of Actuarial Mathematics **2023 July Sitting**

EDUCATION

University of Toronto - Honours Bachelor of Science **2019 – 2023 June**
Actuarial Science Major, Statistics Major
Cumulative GPA of last two years: 3.84

TECHNICAL SKILLS

Exposure To: R, Python, Excel, Microsoft Office Suite

COMPETITIONS

ASNA Actuarial Case Competition 2023, Top 6 **Oct. 2022 – Jan. 2023**
• Directed a team of 4, created an efficient working schedule, and assigned team members tasks that fully leveraged their skills to deliver the project in a timely manner
• Implemented P&C Reserving projecting methods using catastrophic event data on Excel, plotted development triangles, and selected age-to-age factors to calculate the ultimate loss and reserves needed for a P&C company

Wawanesa Actuarial Case Competition, 3rd Place Winner, University of Toronto ACT390 **Oct. 2022 – Nov. 2022**
• Explained complex actuarial and statistical terms using an easy language format when presenting to audiences with different backgrounds, ultimately pitching the winning solutions
• Simulated actuarial loss models, applied different methods that can lower the large loss risk, and proposed the expected value pricing formula to reflect large loss risk

CAS x UofT phone warranty case study, Top 5 **Jan. 2023 – Feb. 2023**
• Used the actual sales data and quality assurance data to propose a phone warranty product, proposal includes primary product goals, pricing model and business considerations of the warranty product
• Worked in a team of 3 as the "pricing specialist", proposed the idea of applying different pricing strategies to customers with different demographics.
• Established loss model and loss ratio simulation model to examine the effect of various features proposed. Applied the method of risk loading to make sure the target loss ratio is fulfilled.

DATA ANALYSIS/STATISTICS PROJECTS

Portfolio: An exploration of linear mixed models and common misconceptions in statistics | LINK **Feb. 2022**
• Technical skills demonstrated using R in projects, understood the source of variance, applied liner mixed model, built functions that interpret the definition of statistical terms including CI and P-value from simulation data
• Reflections were made for this portfolio, acknowledged things to improve for future projects, and limitations noted

Effect of Frequent Vegetable Consumption on Reducing the Risk of Developing Heart Disease | LINK **Dec. 2021**
• Used R to clean/analyze raw data, automated model selection method for making projections regarding the relationship between frequent vegetable consumption and the risk of developing heart disease

Predicting 2025 Canadian Federal Election Situation for the Liberal Party | LINK **Nov. 2021**
• Led a team of 3 for a data analysis project using R to make predictions regarding the association between votes for the Liberal party with age, sex, education level, province, language, and family income

Predicting Dollar Loss Brought by Fire Incidents Using Multiple Linear Regression Model | LINK **Oct. 2021**
• Built a linear regression model to predict economic loss brought by fire that is easy to interpret using R
*All the projects done above were rated with A or A+

INTERESTS AND HOBBIES

Table tennis (Played Competitively), Jogging, Reading, Cooking