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New York, NY

EDUCATION

Master of Science in Actuarial Science

Columbia University, New York, NY
2015 - 2017

Bachelor of Science in Mathematics

University of Illinois, Urbana-Champaign, IL
2011 - 2015

Certifications

- Preparing for **SOA Exam C** (Models for Financial Economics), scheduled for - December 2024
- Passed **SOA Exam FM** (Financial Mathematics), Society of Actuaries, - March 2020
- Passed **SOA Exam P** (Probability), Society of Actuaries, September 2016

SKILLS

- Proficient in R, SAS, and Excel
- Expertise in health insurance regulations
- Strong analytical and problem-solving abilities
- Effective communication skills

FRANCIS BALL

ACTUARIAL ANALYST

PROFESSIONAL SUMMARY

Detail-oriented Actuarial Analyst with 6 years of experience in health insurance analytics. Skilled in risk assessment, data modeling, and regulatory compliance. Proven track record of developing predictive models to enhance underwriting accuracy and reduce claim costs.

EXPERIENCE

- June 2020 - Now

Actuarial Analyst

HealthFirst Insurance / New York, NY

- Develop and maintain predictive models to forecast healthcare costs, leading to a 12% reduction in claim expenses.
- Conduct statistical analyses to assess the impact of policy changes on claim frequency and severity.
- Collaborate with the finance team to ensure compliance with state and federal regulations.
- Analyze claims data to identify emerging trends and recommend strategies to improve profitability.

- January 2018 - May 2020

Junior Actuarial Analyst

UnitedHealthcar / Chicago, IL

- Assisted in the analysis of health insurance data to support pricing and product development.
- Prepared detailed actuarial reports and presented findings to senior management.
- Utilized SAS and R for data analysis and model development.
- Participated in cross-functional team meetings to provide actuarial insights during strategic planning.

VOLUNTEER EXPERIENCE

- September 2021 - Now / Society of Actuaries Mentorship Program

Actuarial Mentor

- Provide guidance to aspiring actuaries, helping them prepare for SOA exams.
- Assist mentees with resume building and interview preparation.
- Conduct workshops on exam techniques and study strategies.