DEBORAH YIN

FCAS

Actuary

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Current Responsibility

Deborah Yin is an actuary with the Property and Casualty Practice in Milliman's Orange County office, focusing on InsurTech solutions and advanced ratemaking techniques. She joined the firm in 2021.

Professional Work Experience

Deborah's areas of expertise include:

- Developing predictive models, including generalized linear models and advanced machine learning techniques
- Performing personal and commercial lines ratemaking, product development, and filing support
- Developing rates and filing support for emerging markets
- Designing and automating insurance processes to improve efficiency and profitability
- Developing advanced business intelligence reports using data visualization

Prior to joining Milliman, Deborah was a senior actuarial analyst at Intact Financial Corporation in Canada, where she specialized in predictive modeling for personal auto. She was responsible for developing cutting edge auto pricing models using different machine learning techniques. She also led efforts to develop retention models and buying ratio models.

Professional Designations

Fellow, Casualty Actuarial Society

Education

B.Math, Actuarial Science – University of Waterloo

B.Math, Statistics – University of Waterloo

B.Math, Computational Mathematics – University of Waterloo

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