JOSEPH A. SVEDA, FCAS, MAAA, CSPA

Consulting Actuary | Bloomington, Illinois

Joey serves as project manager for numerous insurance programs, including group captive insurance companies, admitted insurance companies and state departments of insurance.

With a focus in pricing and product development, he has developed private passenger auto, homeowners and commercial lines pricing solutions through the design and implementation of advanced predictive models.

Joey has worked extensively on the application of advanced statistical modeling techniques to the insurance process. His experience in predictive analytics applications include rating and underwriting plan design, homeowners by peril analyses, auto vehicle characteristics analyses and scorecard development, workers compensation risk control analyses, and territory boundary development.

Joey also performs both interim and year-end loss reserve analyses, and assists with the preparation of statements of actuarial opinion (SAOs). He also completes yearly funding projections and overall rate level indications, and reviews rate filings for state departments of insurance. Additionally, he has developed and delivered knowledge transfer material to help train clients on the methodologies used in the analysis and how to reproduce the results.

★ Qualified Actuary per the National Association of Insurance Commissioners (NAIC)
★ Qualified to sign statements of actuarial opinion per the American Academy of Actuaries (AAA)

YEARS OF EXPERIENCE

7

EDUCATION

University of Wisconsin – Madison, 2018
B.B.A. Actuarial Science; Risk Management and Insurance; Mathematics

CERTIFICATIONS

Casualty Actuarial Society (CAS), Fellow, 2023

AAA, Member, 2020

The CAS Institute, Certified Specialist in Predictive Analytics (CSPA), 2024

PROFESSIONAL VOLUNTEERISM

CAS
    Member Advisory Panel, 2020 – Present
    Ratemaking and Product Management (RPM)
        Committee, 2022 – Present
    Professionalism Committee, 2022 – Present

THOUGHT LEADERSHIP HIGHLIGHTS

"Professional Considerations of Using Large Language Models in Actuarial Applications" CAS RPM, March 2025

"Territorial FAQs," Farm Bureau Actuarial Conference, July 2024

"Incorporating Road Context Data into Auto Rating," CAS RPM, March 2024

"What Does ChatGPT Have to Say about Reserving?" Casualty Loss Reserve Seminar (CLRS), September 2023

"Unlocking the True Value of ADAS," CAS RPM Conference, March 2023

"Professionalism 101," Midwest Actuarial Forum, September 2022

"Introduction to Clustering for Territorial Ratemaking," Pinnacle APEX Webinar, September 2022

"Harnessing Predictive Analytics and Machine Learning to Improve the Bottom Line," Farm Bureau Actuarial Conference, July 2022

"Optimizing Efficiency with Large Datasets," Pinnacle APEX Webinar, August 2021

"Predictor Selection in a High Dimensional World," Pinnacle APEX Webinar, February 2021

"How to Incorporate Simulated Data into Actuarial Research," Pinnacle APEX Webinar (contributor), February 2020

EMPLOYMENT HISTORY

Pinnacle Actuarial Resources, Inc., 2018 – Present