PRASHANT ADHIKARI
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PROFESSIONAL EXAM, CASUALTY ACTUARIAL SOCIETY

Exam P, Exam FM, Exam MAS-1, VEE- Economics, VEE-Corporate Finance

EDUCATION

Georgia State University, J. Mack Robinson College of Business, Atlanta, GA
Master of Actuarial Science (MAS) - December 2026
Relevant Coursework: Data Programming with Python, Financial Risk Management, Predictive Risk Modeling.

Tribhuvan University, School of Mathematical Sciences, Kathmandu, Nepal
Bachelor in Mathematical Sciences (Major: Actuarial Science, GPA: 3.84/4.0) - December 2024

WORK EXPERIENCE

Georgia State University   **Atlanta, Georgia**
Graduate Research Assistant   August 2025 - Present
- Clean survey data, classify roles, and prepare structured datasets in Excel to support faculty research of workforce analysis.

Nepal Insurance Authority   **Lalitpur, Nepal**
Actuarial Analyst   March 2025 - July 2025
- Reviewed insurers' asset valuations, surplus allocations, and reserves (life & non-life), identifying discrepancies to ensure compliance before escalation.
- Drafted queries on Quantitative Regulatory Reporting Templet (QRRT) submissions for 5 companies, requesting clarifications and supporting documents from insurers.
- Evaluated ORSA gap analyses and action plans of 10+ insurers, providing findings informed phased implementation of ORSA based on company size and regulatory thresholds.

Actuarial Intern   August 2024 - December 2024
- Analyzed statutory valuation reports of 7 microinsurance companies and presented trends in solvency, provisions, and premiums.
- Developed a mark-to-model valuation tool in Excel/VBA to estimate fair value of insurance assets.
- Researched a credit micro-term plan and delivered a pricing strategy to line manager for the Insurance Authority's standardized product initiative.

LEADERSHIP

- Finalist in the Institute and Faculty of Actuaries Actuarial Innovation Challenge by leading a team to design and propose a flood-based parametric insurance product with pricing techniques.
- Led a team of four in a time-constrained Actuarial Society of Nepal case competition, designing and presenting a parametric health insurance product and secure second place.
- Coordinated a 12-member volunteer team for the Mathematical Society of Nepal's Pi Day event by assigning tasks and organizing groups across different locations.

SKILLS

- R programing, MS Excel: Pivot Table, VBA (Intermediate), C++, Python.

ACTUARIAL PROJECTS & PROGRAMS

Actuarial Risk & Pricing Simulation   September 2025
- Modeled loss distributions and pricing adjustments for marine portfolios using Excel rating model.

Motor Insurance Reserving   January 2025
- Built an Excel/VBA reserving tool, applying chain ladder method to estimate Incurred but Not Reported (IBNR) reserve for 35,000+ motor insurance policies across five classes.

CAS Student Central Independent Summer Program   August, 2024
- Completed six-week CAS training covering P&C, excel, ratemaking, reserving, predictive modeling, and data visualization.

PUBLICATIONS

- "Analysis of Nepalese Consumers' Insurance Purchase Intention: A Structural Equation Model Approach". https://doi.org/10.3126/ilam.v21i1.75679.