

PRASHANT ADHIKARI

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PROFESSIONAL EXAM, SOCIETY OF ACTUARIES

Exam P, Exam FM, Exam FAM, Exam ALTAM, Exam ASTAM, VEE- Economics, VEE-Accounting Finance, VEE- Mathematical Statistics.

EDUCATION

Georgia State University, J. Mack Robinson College of Business

Atlanta, GA

Master of Actuarial Science (MAS)

Expected December 2026

Relevant Coursework: Financial Risk Management, Predictive Risk Modeling, Data Programming with Python.

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 Template (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.

SKILLS

- R programming, MS Excel: Pivot Table, VBA (Intermediate), Python.

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.

PROJECTS

Actuarial Analyst Virtual Job Simulation, AIG - Forage

September 2025

- Analyzed marine insurance past claims data to develop an experience-based rating model in Excel.

Pricing Life Insurance Product

January 2025

- Priced Whole Life and Child Endowment products using Expected Present Value based cash flow modeling, incorporating mortality, interest, and expense assumptions in Excel using VBA for automation of rate calculation.

PUBLICATIONS

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