SWAICHCHHA BHANDARI

Pokhara26, Kalikachowk, Nepal
bhandariswaichchha25@gmail.com | +977 9748421248
linkedin.com/in/swaichchhabhandari341p

SUMMARY

Final-year Actuarial Science student with a strong foundation in statistical modeling, data analysis, pricing and reserving insurance contracts. Experienced in case competitions and research challenges with CAS and SOA. Skilled in R, Python, and Excel, with a passion for applying actuarial knowledge to real-world risk problems.

PROFESSIONAL EXAMS

CS1, CM1, CB2, CM2

TECHNICAL SKILLS

Excel | R | Python | VBA

EXPERIENCE & PROJECTS

AIG Actuarial Analyst Job Simulation on Forage – May 2025

- Completed a job simulation involving Marine Liability insurance pricing and risk assessment for the Specialty Lines Actuarial team at AIG.
- Analyzed and interpreted a dataset of 100 Marine Liability insurance claims, identifying key trends and anomalies using statistical methods and data visualization techniques.
- Applied actuarial principles to evaluate risks and calculated premiums using experience based rating, resulting in detailed pricing assessments and recommendations.
- Developed comprehensive reports that included assumptions, methodologies, and commentary on risks and uncertainties, demonstrating strong technical writing and critical thinking skills.

CAS Student Central Scholar – 2025
Selected by the Casualty Actuarial Society as one of the top actuarial students in recognition of academic excellence, leadership, and commitment to the actuarial profession.

CAS Summer Program Case Competition | Jun – Aug 2024
Winning Team
Team Member
- Completed a case study on home insurance pricing. In detail our team:

- o Analyzed claim data and grouped it by types of coverage and risk to find patterns and trends.
- o Used basic actuarial methods to help figure out fair and accurate insurance premiums.
- o Built pricing suggestions based on data analysis, risk levels, and past claim history.
- o Wrote a clear report explaining the process, results, and key takeaways, showing strong problem solving and communication skills.
- Collaborated with international team on pricing and reserving simulations.
- Gained mentorship from practicing actuaries; strengthened presentation and teamwork skills.

SOA Student Research Case Study Challenge
Team Member
 Designed a health incentive insurance program (2024) and dam insurance product (2025).
 Improved actuarial reporting and communication of technical results.

ASN Case Competition | Oct 2024
Team Member
 Developed parametric insurance solution for health coverage.
 Contributed to pricing structure and policyholder benefit design.

AWARDS & ACHIEVEMENTS

- • Case Competition Winner, CAS summer program (2024)
- • Selected among top 40 students for CAS Scholar Program with various scholarship.
- • Eloquence Competition, 2nd Place – Metropolitan Level (2018)
- • Student of the Year – Diamond Secondary School (2018)
- • Province Level Social Quiz, Team Winner – 3rd and 5th place (2017 & 2018)
- • Quiz Organizer – Led quiz events at school level (2018)

PUBLICATION

• "Agriculture and Livestock Insurance in Nepal" – Published in Nepal Reinsurance Smarika, 2081
Explored the current landscape, challenges, and opportunities in agricultural and livestock insurance in Nepal.

EDUCATION

Tribhuvan University, School of Mathematical Sciences
Bachelor in Mathematical Sciences (Actuarial Science) | 2021 – Present

SOS Hermann Gmeiner Secondary School, 2021

School Leaving Certificate (SLC)