MARCO MAROLOP S

S-1 Actuarial Science - Sumatra Institute of Technology
marco.rolop@gmail.com
+62 857 1725 0159
Bekasi, Jawa Barat

SUMMARY

Fresh graduate majoring in Actuarial Science at Institut Teknologi Sumatera. As an Actuarial graduate with a deep understanding of risk analysis, statistics, and financial modeling, I possess the ability to identify and manage risks in dynamic business environments. Equipped with experience in quantitative data analysis and the application of actuarial methods, I am ready to contribute to the development of innovative strategic solutions and support data-driven decision-making. I am eager to apply my skills and knowledge in the challenging insurance or financial industry.

WORK EXPERIENCE

Financial Administration Officer (Internship), PT Taspen (PERSERO) KC BEKASI
Juni - Desember 2023

- Handle the calculation of pension benefits in accordance with the conditions of Civil Servants' retirees.
- Assist in providing services in accordance with the company's regulations.
- Build confidence and communication among company employees.
- Process data for civil servant retirees to ensure it is easily understandable

Risk Analyst, PT Lesindo Utama Sakti
Juni - Desember 2022

- Responsible for overseeing financial management in a government project located at two sites: (1) Jalan Hidup Baru, Gandaria Utara Subdistrict, Kebayoran Baru District, South Jakarta Administrative City, and (2) Jalan Petogogan, Gandaria Utara Subdistrict, Kebayoran Baru District, South Jakarta Administrative City.Maintained office supplies inventory and order supplies as needed, optimizing cost efficiency.
- Manage and ensure cash flow in and out aligns with the requirements.
- Manage and ensure project completion in accordance with the deadlines set by the government.
- Ensure timely project completion while maintaining company profitability through efficient management of resources and budget.

EDUCATION

Bachelor Degree of Actuarial Science
September 2020 - Juli 2024

Sumatera Institute Of Technology

- IPK : 3.09.
- Thesis : Analysis of Premium Reserve Comparison Between New Jersey and Canadian Status Joint Life Methods Using Interest Rates Based on the Hull-White Model

Tambun Selatan 5 Senior High School
Juli 2017 - Juli 2020

Major : Science

- Average Score : 8,8

ORGANIZATIONAL EXPERIENCE

Actuarial Science Student Association - Business Bureau Division
2021 - 2022

- Creating an annual work program for a student association involves planning and organizing various activities and goals for the academic year.
- Creating financial statements for the cash flow of a set.
- Building relationships with fellow students as well as with those outside the student community
- Learning to position oneself as both a buyer and a seller

PROFESSIONAL COMPETENCIES

- **Risk Management;** Dentifying, analyzing, assessing, and controlling risks that could potentially disrupt the achievement of objectives, as well as ensuring the continuity of operations and financial stability of the organization.
- **Assembling Financial Statements;** Ability to gather and compile various components of financial data, such as income statements, balance sheets, and cash flow statements, to produce complete and structured financial reports.
- **Product Developements;** Ability to create, design, and bring a new product to market in accordance with customer needs
- **Proficient in Complex Calculations;** Ability to perform advanced mathematical calculations with accuracy and efficiency encompasses skills in handling complex formulas, financial models, statistical data, and quantitative methods

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SKILL AND ABILITIES

- **Microsoft Office (Word, Excel, Power Point)** ; *Intermediate* ; ability to analyze data using formulas, create pivot tables, and present information through charts and diagrams. These skills help me manage and analyze data effectively to support decision-making.
- **Rstudio** ; *Intermediate* ; abbility to use RStudio, particularly in statistical analysis and data modeling. I am familiar with various packages such as ggplot2 for data visualization, dplyr for data manipulation, and the tidyverse suite for efficient data processing.
- **Canva;** *Intermediate* ; I have skills in using Canva for graphic design. I am familiar with various Canva features, including creating presentations, posters, infographics, and other visual content with a professional and appealing look.
- **Phyton, SPSS**; *Intermediate :* I have skills in using SPSS and Python for data analysis. In SPSS, I am proficient in performing statistical analyses such as regression, hypothesis testing, and descriptive analysis efficiently. In Python, I am familiar with libraries like pandas for data manipulation, numpy for numerical computations, as well as matplotlib and seaborn for data visualization.

PROJECT & PORTOFOLIO

- **Interest Rate Analysis and Forecasting Based on Historical Data Using Hull-White Model**
  Link: https://shorturl.at/dufTl
- **Analysis of Taspen Employee Pension Data Using Accrued Benefit Cost and Entry Age Normal Method**
  Link: https://shorturl.at/oAv0M
- **Analysis and Preparation of Financial Report for the South Jakarta Road Construction Project**
  Link: https://shorturl.at/zM9Ux

SOFT SKILL

- Persistent
- Innovative
- Collaborattion
- Adaptability
- Problem-Solving
- Responsible