PERSONAL INFORMATION

Age : 30 ans

Languqges : French and English
Hobbies : Basket ball, Football
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ABILITIES

Abilities

- Strong analytical and problem-solving skills
- Ability to clearly communicate complex actuarial concepts to non-technical audiences (marketing, underwriting, management)
- Business-oriented mindset (developing pricing strategies to improve profitability and market competitiveness)
- Project management skills (cross-functional collaboration with IT, sales, product teams)
- Proactive and results-driven approach
- Critical thinking and ability to work independently

SKILLS

Insurance Risk Modelling

- Advanced statistical modeling (GLM, GAM, machine learning for motor pricing)
- Portfolio analysis (frequency, severity, large loss, customer segmentation)
- Proficient with actuarial tools
- Reporting and data visualisation
- Development of pricing performance indicators (profitability monitoring, price elasticity)
- Price wtach : Competitive analysis and market studies (motor insurance benchmarking)
- Demands models (Lapse and conversion)

Computational Software

- SQL, Python, R, Radar, Emblem, Excel, Git

ASSOCIATION

- Member of Aabr (Brussels Actuarial Association) since 2018
- Member of IA|BE

Marius Parfait TEBOU TEDONG

IA|BE Qualified Actuary

PROFILE SUMMARY : Actuarial professional specializing in motor insurance pricing and risk management , with strong expertise in statistical modeling (GLM, GAM, machine learning), portfolio analysis, and competitive benchmarking. Skilled in SQL, R, Python, and actuarial software (Emblem, Radar). Business-oriented, results-driven, and able to communicate complex insights clearly to non-technical stakeholders. Adaptable to regulatory changes and passionate about optimizing pricing strategies to enhance profitability and competitiveness.

EDUCATION

2020 - 2021 **InterUniversity Exchange Program, Msc in Financial and Actuarial Engineering |** **KU Leuven**

- Courses : Financial Engineering, Solvency and Financial Institutions

2018 - 2021 **Master in Actuarial Science|** **université Libre de Bruxelles, Belguim**

2016 - 2017 **InterUniversity Exchange Program, Msc in Economics and Financial Engineering |** **University of Rennes 1, France** **Master's Degree**

- Courses : Monetary policy, International Finance, Modelling and Forcasting Finance Data

2015 - 2017 **Msc in Applied Economics |** **University of yaounde II-Soa, Cameroon** **Master's degree**

- Courses : Econometrics for Finance Data, Times Series Modelling

2012 - 2015 **Bachelor in Mathematic Economic |** **University of Dschang, Cameroon** **Bachelor degree**

ACADEMICS PROJETS & CERTIFICATES

Jan 2024 - Dec 2024 **Silver Certificate** **Allianz Global Analyst Pogram**

Accredited in Retail Fleet SME Pricing I have taken and passed the exams for the following courses:
Machine Learning for Microzoning, *Machine Learning for Large Losses*, *Machine Learning on Vehicle Data*, *Fleets Pricing and Monitoring*.

Jan 2023 - Dec 2023 **Bronze Certificate** **Allianz Global Analyst Pogram**

Accredited in Retail Fleet SME Pricing I have taken and passed the exams for the following courses:
Data Preparation, *Risk Models and Technical Pricing*, *Artificial Intelligence applied to behavioral demand Models*, *Scenario Testing*.

2020 - 2021 **Master Thesis**

- I defended my thesis on the subject : **Financial Time Series Modelling Using Neural network**.

2019 - 2020 **Non Life Pricing**

- Pricing an MTPL product using machine learning : GLM, GAM, Ramdom Forest and Gradient Boosting, Tools : Rstudio.

EXPERIENCES

Sept 2025 - At today **UW Risk Officier | CDI** AXA Partners IPA, Belgium

- Building the Risk management opinions on all the technical and underwriting such as Pricing also underwriting, reporting, governance and product approval processes.
- Follow up actively and contribute to an efficient monitoring of the performance portfolio, in close links with central underwriting. Also actively participate on reviewing UW guidelines, to assist CRO for the deal referral committee
- Improving pricing methodologies (promoting GLM, Segmentation approach) and driving back testing analysis on assumptions used for pricing (frequency, severity, average cost and internal costs)

Jul 2022 - Aug 2025 **Actuary Motor Pricing Analyst | CDI** Allianz BeNeLux, Belgium

- Technical Pricing and backtesting
- End to End process from data Extraction in pds to modelling for demands model (Renewal laspe, MTC and conversion model) through automation in python and modelling in Emblem
- Implement/Maintain Existing Commercial Tarif
- Collaborated with the business and IT to automate in python the renewal process including tarif Migration at the latest Tarif to avoid old tarif in the portfolio
- implement and backtest the renewal process each month via an automation process in python with a reporting tools that allows us to monitor the lapse rate according to the renewal strategy
- Refresh XSubs every month : TP calculation in Radar and reporting
- Contribute to business discussions with our available reporting and KPIs to support and influence decisions
- Upskill the stakeholders on pricing KPIs

Jan 2021 - Oct 2022 **High school Teacher** Institut Saint-Joseph, Belgium

- I taught mathematics and descriptive statistics courses

Jan 2019 - At today **Mathematics Tutor** Schola ULB ASBL, Belgium

Jul 2020 - Dec 2020 **Junior Accountant | CDD** Agence Immobilière Social Étudiante (AISE), Belgium

- Recovery of unpaid Rent and Debt.

Mar 2019 - Juin 2022 **Action Store Assistant 2402** Action, Belgium

- Shelving of products and cashier