**CURRICULUM VITAE FOR CASPER MARINGE**

**7374 KUWADZANA 3, HARARE**

**CELL: 0784500965 / 0718455882**

**Email: caspermaringe@gmail.com**

* **Personal Details**

Date of Birth 02/06/97

Gender male

Citizenship Zimbabwean

ID Number 75-2037923 Z44

Marital Status single

Languages English, Shona

* **Career Objective**

Energetic and passionate college student working towards a BS in Actuarial Science at The University of Zimbabwe. Aiming to enhance my professional skills, create value and recognition for the organization also to be proactive, become more innovative and to learn new skills.

As a modern actuary, I'm interested in Artificial intelligence (Machine learning), Data Science, Software engineering and to use these skills in areas such as finance, technology, health, banking, insurance and climate change. Also, I'm currently a junior data scientist, frontend and backend software developer at Poscloud (Fintech).

I hope to become one of the best in robotics.

**Major Achievements and Background**

* Currently Employed as A Junior Data Scientist, Risk analyst and Software developer at Poscloud Private limited a financial technology company which offers Payments gateways to banks such as CBZ, NMB, FBC, GETBUCKS etc.
* I work with senior Data Scientist in Data Warehousing of the Transactions and creation of Automating systems using Deep learning Also creating Crone Jobs that run every day generating reports needed by Poscloud Clients.
* In Software development, I was, part of the team that developed Zuva Payment System, Fossil Asset management system, GetBucks Payment system, GKnot insurance system ,Cover Link insurance management system, Poscloud Financial Tracker and Automated Reconciliation system, performing deep data engineering on its own, it is currently being used in Poscloud Accounting department, In most of this systems l played a major role in data management and frontend and backend development creating dashboards and monitoring system using Grafana and React JS libraries and Django for creating rest framework apis and some backend logic and optimizing the process. Below l attached some of the projects that l worked on in the data science field, software development field and financial monitoring.
* I also developed an advanced retail management System (ARCS),
* I was the youngest tasknite at Cumi Zimbabwe to be given a role to lead other tasknites for which my team was the best in collecting data and organizing it, l was then promoted to super tasknite at the age of 19.
* Also, l am currently the UZ chess vice-captain, recently we won the ZUSA chess tournament

|  |  |
| --- | --- |
| **Project Name** | **Description** |
| **ZUVA** | Developed Client Portal Frontend for zuva customers to purchase Fuel coupons. |
| Fossil Asset Management System. | On this project l did both the backend and backend development and deployment of the app. |
| Advanced Retail management system | On this project l did both the backend and backend development and deployment of the app. |
| Gklegal-requisition-monitoring | I created dashboards for monitoring company perfomence and tracking transactions in real time |
| Java Spring backend code | JavaScript React Js Frontend code |
| DEEP learning | Using Python Anaconda juypter to perfom Machine learning On the Econet data set.  Using XGBoost algorithim  And testing of the model accuracy  Model Acuuracy Plotting of all algirithim s used including  Logistic Regression  KNN  XGBoost  Naïve Bayes |
| FORCASTING | Forcasting using Prophet in python |
| Database Administrator | Database Management And Sql Manipulator At Poscloud |
| **GetBucks** | Developed an automated data warehousing system to make the system faster by achieving the database.  Also, l created the frontend part |

* **Attributes and strengths**
* Ability to work well with people from different cultures.
* Ability to work under pressure.
* Good communication skills.
* Good observer and critical thinker
* **Computer Literacy and skills**
* Microsoft office
* PYTHON, R-studio, SPSS, CSPRO, MIKTEX, MINTAB.
* MACHINE LEARNING, DEEP LEARNING, AL, TENSORFLOW JS
* DATA WAREHOUSING, DATA ENGENEERING.
* GRAFANA, PROMETHEUS QUIRIES, POWER BI, PROPHET.
* MYSQL, DATABASE MANAGEMENT, SQL, POSTGRESS.
* JAVASCRIPT, JAVA, NODE,JS GITHUB, DOCKER.
* DJANGO (advanced level), REACT JS (advanced level), SPRING BOOT, LARAVEL (beginner level)
* REACT NATIVE for mobile app development (intermediate level)
* **Educational Qualifications**

Bachelor of Science Honors in Actuarial Science (HASC) – PRESENT => LEVEL (4.2) (final year)

**University of Zimbabwe**

# Year 3 (Semester 2)

**Courses**  **Results**

Industrial Attachment for Actuarial Science 1

# Year 2 (Semester 2)

**Courses**  **Results**

Mathematics of Finance 1

Time Series Analysis 1

CORPORATE FINANCE 2 1

DEMOGRAPHY 2.1

MULTIVARIATE ANALYSIS  2.2

Risk Management 2.2

Communications Skills for Science 2.2

# Year 2 (semester 1)

**Courses** Results

ACTUARIAL REGULATION, METHODOLOGY 2.1

AND RISK MANAGEMENT

CORPORATE FINANCE 2.1

REGRESSION ANALYSIS AND ANOVA 2.1

PROBABILITY THEORY 2 2.1

BUSINESS MANAGEMENT FOR SCIENTISTS 2.1

THEORY OF ESTIMATION AND HYPOTHESIS TESTING 2.2

STATISTICAL COMPUTING FOR ACTUARIAL SCIENCE 1

LINEAR MATHS 2 3

# Year 1 (Semester 2)

**Courses**  **Results**

Entrepreneurship 1

Calculus 2 2.1

Accounting for managers 2 2.2

Applied Statistics 2 2.2

Mathematical discourse and structures 2.2

Official Statistics 2.2

Principles for Macroeconomics 2.2

Statistical inference 3

# Year 1(Semester 1)

**Courses** **Results**

Linear Mathematics ~1 1

Calculus ~1  1

Statistical Computing ~1 2.1

Probability Theory ~1 2.1

Accounting for managers 1 2.2

Applied Statistics ~1 2.2

Principles for Microeconomics ~1 3

Communications Skills for Science ~1 3

# DZIVARASEKWA 1 HIGH SCHOOL

# Advanced Level Qualifications

MATHEMATICS A

CHEMISTRY B

PHYSICS A

# KUWADZANA 1 HIGH SCHOOL

# Ordinary Level Qualifications

PHYSICAL SCIENCE A

MATHEMATICS B

INTEGRATED SCIENCE  B

BIOLOGY B

ENGLISH LANGUAGE B

WOODWORK B

**Hobbies**

* Chess
* Watching football
* coding

**References**

|  |  |  |
| --- | --- | --- |
| UZ Chairman details | Poscloud (Pvt) contact Person | Mr Lawrence Dhliwayo |
| Dr Gift Muchatibaya | Dr V.O NKOMO | +263 77 793 0198 |
| giftmuchatibaya@gmail.com | +263 77 749 7179 |  |
| 0777868950 |  |  |