



ANSTO TAFARA CHIBAMU

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SUMMARY

An ambitious young man with strong interests in data analysis and quantitative research. I bring along a strong grasp of advanced statistics and operational research, fundamentals of financial engineering, a fondness of teamwork and leadership, appetite for research and a strong passion for new challenges.

EXPERIENCE

QUANTECH AFRICA, MAURITIUS

[Feb 2019 – ***]

Description: A Mauritian registered consultancy company which specializes in quantitative research, data analysis and modeling, software development and HR consulting.

www.quantechafrica.com

Position: Co-founder and Quantitative Researcher

- Duties:**
- Work on projects in data analytics in partnership with StepUp Consultancy, Eswatini.
 - Developing quantitative trading strategies.
 - Developing and backtesting trading algorithms for Stocks, FX, ETFs and Options.
 - Portfolio Optimization on existing trading strategies.
 - Python Programming: pandas | numpy | SciPy | scikit-learn | matplotlib | QC API.
 - Trading Models: Machine Learning | Mean Reversion | Statistical Arbitrage, etc

LUSWETI, SWAZILAND

[Feb 2018 – Oct 2018]

Description: A NGO indigenous to Swaziland, Southern Africa dedicated to the creation and provision of innovative health and development communication programs. 15-20 employees

Position: Consultant

- Duties:**
- Analyzing data and information to find ways to improve operations.
 - Developing and conducting user surveys.
 - Meeting with clients to discuss procedures.
 - Writing research reports.
 - Infographic designing

BINDURA UNIVERSITY, ZIMBABWE

[Aug 2017 – Dec 2017]

Description: Provides training, research and has a reputation built on research and academic excellence in Zimbabwe. Over 50 employees. www.buse.ac.zw

Position: Assistant Lecturer

- Duties:**
- Conducting research and prepare lectures in Statistics and Research Methods.
 - Ensuring the efficient delivery of teaching programmes in accordance with the University's strategy, policy and procedures.

HALA AFRICA HOTELS, ZIMBABWE

[Aug 2015 – Aug 2016]

Description: One of the biggest and diversified hotel group in Africa. www.hotelsandleisureafrica.co.za
Over 500 employees

Position: Intern

- Duties:**
- Bookkeeping: preparing accounting journals and ledger accounts.
 - Data Capturing: capturing relevant data from all departments in Excel.
 - Risk Management: risk-reward analysis.
 - Business Analysis: developing models in excel for hotel operations.
 - Designing and Conducting surveys to measure customer satisfaction

EDUCATION

MSc. Applied Statistics with Operational Research, Merit
UNIVERSITY OF TECHNOLOGY MAURITIUS (UTM)

[2018-2020]

- Courses:** Fundamentals of Applied Statistics, Credit Scores and Data Mining, Simulation Techniques, Methods for Operational Research, Time Series Econometrics, Advanced Operational Research Methods, Multivariate Data Analysis, Operational Research Methods in Finance.
- Dissertation:** Constructing a dynamic portfolio using machine learning techniques.

BTech. (Honors) Financial Engineering, 2.1
HARARE INSTITUTE OF TECHNOLOGY, ZIMBABWE

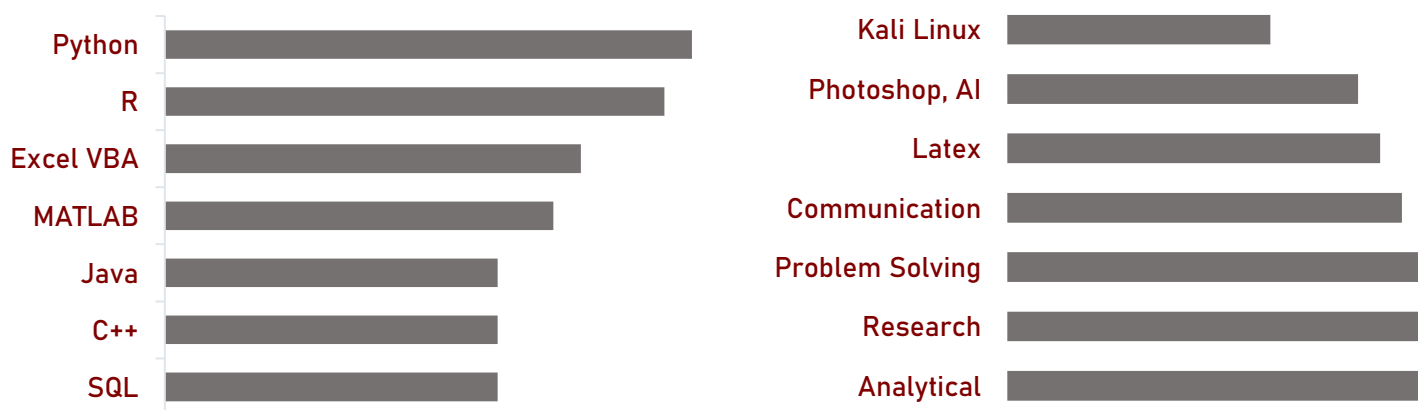
[2013-2017]

- Courses:** Macro and Micro Economics, Statistics, Calculus, Algebra, Financial Modeling in Excel, Financial Econometrics, Stochastic Processes in Finance, Asset Securitization, Credit Derivatives, Options and Futures Markets, Interest Rate Models and Derivatives, C++ for Financial Engineers, Java for Financial Engineering, Portfolio Engineering, etc
- Projects:**
- Investigating mis-valuation of stock prices at the Zimbabwe Stock Exchange (ZSE): An Investment Strategy.
 - Stock Analysis Application and a Stock Valuation Index.
 - The Impact of the internal regulatory liquidity ratio on the monthly net interest margin: A case for the Zimbabwean banking sector.

Higher Secondary Examinations
HERMAN GMEINER HIGH SCHOOL

- 3 A Levels** - Mathematics, Accounting, and Business Studies.
6 O Levels - Including Mathematics and English

SKILLS



ACHIEVEMENTS

- HIT Forex Trading Club (2017)
Founder and President
 - Teaching and Instructing new club members on how to trade forex.
 - Translating FX trading strategies into a working code.
 - Developing Expert Advisors (EA) and Technical Indicators.
- Financial Markets & Econometrics courses with WorldQuant University
- Certificate in Intellectual Property – WIPO
- High School Volleyball Team Captain – [2009-2011]

REFERENCES

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