❯ Name & Surname: Tlotliso Jonas

❯ Occupation: Senior Murex Consultant, CQF Candidate

❯ Phone: 078 690 1240

❯ Email: tlotlisojonas@gmail.com

❯ Languages: English & Sesotho

❯ Activities: Chess, Ice Skating, Soccer, Gym

❯ Location: Johannesburg - South Africa

PROFESSIONAL BACKGROUND

Murex Consultant (Elenjical Solutions Consultant @ D360 Bank) Feb 2024 - Now

❯ Murex Implementation - Part of the Front Office team
❯ Pricing Islamic Products

Murex Consultant (Elenjical Solutions Consultant @ Sanlam) Jan 2023 - Feb 2024

❯ Market Risk Quants Team - Pricing & Risk Models, Risk Reconciliations, Daily Risk Reporting
❯ Murex Upgrade - Testing and validating the new Murex version

Murex Consultant (Elenjical Solutions Consultant @ Momentum) Jun 2022 - Jan 2023

❯ Murex Upgrade - Part of the Front Office and Market Risk Teams
❯ Model Validations and Risk reconcilations

Murex Consultant (Elenjical Solutions Consultant @ Murex) Jan 2022 - Jun 2022

❯ Asset Management - Setting up and managing mutual funds, fund shares and benchmarks
❯ Murex Front Office and Back Office Training

Murex Consultant (Elenjical Solutions Consultant @ Momentum) Jan 2021 - Dec 2021

❯ Pricing, Simulation, Risk reconciliations, Trade Query, VAR, Stress testing, PLVAR
❯ Reporting (Feeders & Extractions)
❯ Workflows, OSP
❯ Rights management
❯ Static data creation (instruments, generators, market data)
❯ Regression testing (Configurations, test changes, approve/reject changes)
❯ MXTEST (Murex automation)
❯ Airflow (Dag configuration & debugging)
❯ End of day (EOD) overnight support
❯ Scripts writing and updates (python & shell)

Software Developer Intern (VF Exclamation (Pty) Ltd) Jun 2019 - Dec 2019

❯ Built customer portal interface using Zoho creator
❯ Integration in python for data processing and data transfer between different web applications

Embedded Systems 1 Tutor (University of Cape Town) Mar 2019 - Jun 2019

❯ Tutoring embedded system 1 course to engineering students
❯ STM32FOC651 microcontroller c programming

Engineering Student Intern (UCT Robotics And Agent Research Lab) Nov 2018 - Feb 2019

❯ Designed dual-arm scara robot using SolidWorks
❯ Investigating different actuators (pneumatic cylinders, air muscles, stepper, dc, and servo motors) for precision control of the end effector.

EXPERIENCE

SKILLS

Programming Languages

- Python
- MATLAB
- R
- C
- SQL and MySQL

Microsoft Office

- Word, Excel & PowerPoint

Engineering

- SolidWorks

EDUCATIONAL BACKGROUND

2020: **Masters in Risk Management of Financial Markets** (University of Cape Town)

Content Covered:
- Quantitative Methods
- Financial Instruments
- Computing Skills (MATLAB, Excel & SQL)
- Econometrics
- Market Risk Models
- Credit Risk Models
- Corporate Covernance
- Financial Regulations

2016 - 2019: **BSc (hons) Mechanical & Mechatronic Engineering** (University of Cape Town)

ACHIEVEMENTS

2021
- Golden Key International Society Membership (Academic Excellence)

2020
- FNB Stockbroking and Portfolio Management Trading Competition Winners (Trading Simulation)

2019
- The Pitch UCT Competition Winners

2018
- KPMG Innovation and Challenge Collaboration Challenge 2019 National Finalist

2015
- Free State Matric Top 100 Provincial Award
- Bluegumbosch Secondary School Overall Top Learner Award