



» Name & Surname:	Tlotliso Jonas
» Occupation:	Murex Analyst
» Phone:	078 690 1240
» Email:	tlotlisojonas@gmail.com
» Languages:	English & Sesotho
» Activities:	Chess, Ice Skating, Soccer, Gym
» Location:	Johannesburg

PROFESSIONAL BACKGROUND

Murex Front Office/Risk Analyst (Elenjical Solutions)

Jan 2021 - Now

- » 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 Computer Programs

- » SolidWorks

SKILLS

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 Governance
- ▶ Financial Regulations

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

EDUCATION

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

2018

- ▶ KPMG Innovation and Challenge Collaboration Challenge 2019 National Finalist

2015

- ▶ Free State Matric Top 100 Provincial Award
- ▶ Bluegumbosch Secondary Overall Top Learner Award
- ▶ Kutlwanong Maths And Physics Awards

ACHIEVEMENTS

