

Kim Liebenberg

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Profile

Highly driven, motivated, and analytical professional with a background in engineering and financial services. Current participant in Tech Talent Academy's Data Academy programme learning Python fundamentals, including key data science libraries such as NumPy and Pandas. In addition to this I am gaining a solid grounding in relational database management (SQL), data visualisation/business intelligence packages such as PowerBI, Tableau and Solidatas. I am an experienced professional looking to rejoin the workforce after taking time out to raise a family. I am an enthusiastic and versatile worker looking for data science positions that will utilise my broad skillset.

Training and Education

TechTalent Academy, Data Science

Sep 2021 - Jan 2022

An intensive 14-week course, focused on the fundamentals of data science delivered through a combination of interactive group learning and home learning tasks. During the course I am building strong skills in the manipulation of data using NumPy and Pandas whilst being able to visualise the data using Python libraries including matplotlib and other software packages such as Power BI, Tableau and Solidatas.

Social Media Bootcamp, Tech Pixies

Jul 2021

A concentrated week-long online training course to update relevant social media skills, covering LinkedIn, Instagram, Facebook, Pinterest and Twitter

University of Stellenbosch – Bachelor of Engineering (B.Eng. Electrical & Electronic)

Jan 1998 – Dec 2002

Core subjects: Engineering Mathematics, Computer Systems, Digital Signal Processing, Electronic Design, Electromagnetics, Energy Systems, Systems and Signals, High Frequency Technique

South African Naval College (Cape Town, South Africa)

Jan 1997 - Dec 1997

Selected as a junior officer with the rank of Ensign following a year of introductory naval training

Rhenish Girls' High School (Stellenbosch, South Africa)

Jan 1991 - Dec 1995

Mathematics, Science, Biology, English, Afrikaans, Xhosa

Skills

Organisation & Planning

- Planning and managing changes to equipment and operational procedures
- Understanding and documenting logistic requirements for engineering changes
- Delegating duties to team members to ensure even workload distribution and successful completion of time sensitive tasks

Analytical Problem Solving:

- Accurately evaluate complex margin lending reports
- Identify and resolve anomalies within the bank's data systems and ensure that all downstream implications are rectified

Communication & Presentation:

- Presenting to other Operations teams in the investment bank on the role of the Margin Lending team
- Compiling and distributing daily summary reports on the status of margin calls for senior management – highly technical and sensitive information
- Compiled and presented a mathematics course to a group of combat officers as part of their Junior Staff Course training
- Presentation of my final year thesis at university: "Design of a DC motor control system for crop seeding"

Teamwork:

- Collaborating with all team members in Margin Lending to successfully complete account processing and reporting
- Working closely with the bank's Technology team to design, test and implement changes to the firm's proprietary data systems
- Supporting and contributing to naval engineering projects, by liaising with other engineers as well as end users and other stakeholders
- Training with a diverse group of people to become a naval officer, and participating together in all aspects of naval life

Leadership:

- Providing guidance and training to new team members within Margin Lending, conducting interviews with potential candidates for hiring
- As a naval officer: representing military discipline and professionalism at all times, managing duty watch staff, ensuring safety, security and discipline of all unit members as Officer of the Day
- Leadership positions at school: prefect, class captain and netball team captain

Work experience

Goldman Sachs Investment Bank, Senior Analyst (Margin Lending Operations, London)

Apr 2006 – June 2012

- Working in a specialised team in operations, dealing with complex cross-product functions for a leading global investment bank
- Identification, diagnosis and resolution of any data and processing anomalies within the firm's systems relating to margin calls
- Stakeholder management – working closely with different teams within the bank such as Client Services, Risk, Credit and Technology to ensure accurate account processing and client communications to meet sensitive deadlines
- High level reporting to senior management on margin call status at close of business
- Proactively driving changes to improve the team's processes and controls

De Beers Marine (Offshore Diamond Mining, Cape Town), Geosurvey team member

Jan 2005 – Jan 2006

- Sea going operational role with the geosurvey team – operational management of geosurvey systems, the purpose of which was to gather data for diamond mining (bathymetry, 3D seismic and side scan sonar data sets)
- Deployment, operation and maintenance of highly specialised equipment at sea (towed array sonar, autonomous underwater vehicle)
- Conducting equipment trials for research and development

SA Navy, Naval Engineering Services, Naval Engineering Officer

Jan 2003 – Sep 2004

- Investigating, evaluating and proposing solutions for engineering problems arising in the fleet and on shore-based units
- Performing other naval duties appropriate to the rank of Sub Lieutenant, such as Officer of the Day and presentation of training courses

SA Navy, SAS Wingfield, Naval Engineering Student

Jan 1998 – Dec 2002

- Duties of a naval officer on a shore based unit, performed while completing my engineering degree – ceremonial duties, Officer of the Day duties, assisting with engineering projects

SA Navy, SA Naval College, Candidate Officer

Jan 1997 – Dec 1997

- Training with the rank of Midshipman, covering academic courses (leadership, management, labour relations) and practical courses (boat work, sea survival, search and rescue, fire fighting and damage control)

Interests & hobbies

I have a keen interest in all things property related – through managing a rental property I have gained experience in landscaping design and building renovation projects. I also take great joy in working my allotment, which produces a wide variety of cut flowers and fruit. I am a self proclaimed gadget fan - my latest installation is a solar powered irrigation system.

Personal achievements

After finishing high school I spent a year sailing abroad, during which time I completed two Atlantic crossings under sail (once as a crew member for the delivery of an ocean racing yacht). The following year I was awarded the prize for best academic achievement during naval officer training for the class of 1997.

I achieved cum laude (first) for my final year thesis at university and received the award for the best naval engineering student in 2001 and 2002. In 2005 I climbed Mount Kilimanjaro, reaching the highest peak in Africa which stands at 1585m above sea level.

References

Available upon request