

# Emile Van Der Heyde

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## WORK EXPERIENCE

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FMI 1 May 2019 — Present

*BI Business Analyst*

- Gathering Requirements for Reporting Solutions
- Documenting Business Processes and understanding key business KPI's
- Building Reporting Solutions with SQL and Power BI
- Requirement Gathering and Specification for new Data warehouse
- Understanding the insurance industry landscape

Capitec Bank September 2018 — 30 April 2019

*BI Business Analyst*

- Facilitate and drive:
  - workshops with customers to understand needs and requirements
  - workshops with technical team to brainstorm and formulate solutions to support requirements
  - requirement & solution specification walkthroughs between business and IT
  - daily SCRUM sessions with technical team
- Compilation and sign off of following documentation:
  - business requirement specifications translating and simplifying requirements
  - functional specifications according to business requirements detailing proposed solution
  - test case documentation
  - project plans
- Manage team work distribution and task delivery
- Administration of worklog and team tasks using JIRA

Capitec Bank April 2015 — August 2018

*Business Intelligence Analyst*

Analyst in credit operations business intelligence team for Capitec Bank, South Africa's biggest unsecured personal credit lender. The role requires building deep experience as a BI developer and credit analyst.

- Performing data analysis on transactional databases using SQL queries.
- Report writing to answer business problems requested from management and executives.
- Building reports and Qlikview models for operations, credit and business improvement.
- Building complex data structures that includes business rules and detailed user requirements.
- Understanding and adding to business insight on new credit applications, arrears monitoring and provisioning.
- In depth profiling of clients and comparing against the company credit granting strategy.
- Business intelligence lead on credit card, pioneering analysis on a new product at the bank.

*Data Analyst*

Role was based as a data Analyst, ETL and dashboard development for a business Intelligence consultancy, working for clients at Woolworths, Clicks , Oceania , among others. I focused on using Transactional Databases to create Dashboards to Align with Business strategy across a variety of fields such as human resources, risk and insurance.

- Meeting with clients to get the specifications for projects.
- Analysis of client data to scope out measures and possible analysis metrics as well as transforming data to a desired quality and form.
- Developing required data model from various sources of information be it ERP systems, Access databases or excel documents
- Scripting the back end of the model using SQL in the case of PowerPivot or Qlikview scripting in the case of Qlikview
- Building appropriate visualisations dashboards to suit the clients customised needs.

## QUALIFICATIONS

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**Formal Full Time Qualifications****Honours in Economics**

University of Cape Town , 2010 ; Economics, Econometric Models, Financial Markets, Analysis of Survey Data

**Bachelor of Social Science in Economics and Sociology**

University of Cape Town ; 2006-2009; Economics, Statistics, Mathematics, Sociology, Media

**Formal Part Time Qualifications****Certificate in Python Retrieving, Processing and Visualizing Data with Python.**

Coursera, 2020

**Certificate in Concepts, Design and Modeling for Extended Data warehousing**

Alicornio Africa , 2019

**Certificate Programme in Business Analysis (Pass with Distinction)**

FTI , 2018

**Certificate in Banking and Risk Management**

Unisa ; 2015; Banking in South Africa , Principals of Risk Management

**Certificate in Marketing**

University of Cape Town: Getsmarter; 2012; Market Research, Internet Marketing, Customer Segmenting, Marketing Plan

**Additional Online Enrichment Courses****Data Science Boot Camp 2020**

Building Machine learning models with Python

**R Programming**

Data Camp - Online ; 2017; Credit Scoring , Unsupervised learning , Data Manipulation

**Machine learning**

EdX - Online ; 2016; Decision trees , Regression models , Azure ML

**Foundation Course in Analytics with SAS**

Jigsaw Academy (INDIA); 2012; Data Preparation, Advanced Excel, SAS base programming, Data Modeling techniques

## SOFTWARE SKILLS

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**Microsoft SQL Management Studio** : Query Writing , Stored Procedures.

**Microsoft Office** : Advanced Excel ,Word,Power point, Access.

**PowerBi** : Design and back end.

**Qlikview**: Backend Programming and Dashboard Designer (Attended official Courses)

**SAS Base**: Data set creation, Procedures, Macro and Proc SQL..

**Python Programming**: Pandas , Numpy, Scikit, Seaborn, Matplotlib

**R Programming**

**GitHub**

## REFERENCES

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Ryan Galpin +27 (082) 831 5878 , Capitec Bank , Team Leader

Richard Beuzuidenhout +27 (083) 556 1502 , E-magination Info Solutions, Owner

Carl DuToit +27(083) 410 2507, Capitec Bank , BI Manager

### Demography info

**ID Number** : 8704205076085    **Demography**: 33 Male Coloured    **Location**:Cape Town