

Dirk R Kotze

 DirkRKotze |  dirkrkotze.com |  dirkrkotze@gmail.com |  (+27) 63 697 3680

Education

Stellenbosch University

BCom Actuarial Science majoring in Actuarial Science, Mathematical Statistics, Statistical Learning.
Extra majors in Financial Analysis and Investment Management. Elected as official student leader representing the faculty of commerce.

ESSEC business school

BBA exchange, top 5 in the class averaging 73.86%
Completed the Generation Africa executive certificate short course.

Midstream College

Sport	Golf, hockey, swimming, tennis, squash, cricket, rugby, cycling.
Cultural	1 st violin in ensemble, performed in SA state theater, toastmasters public speaking.
Academical	Graduated top 10 in the year group with 3 extra subjects, 2 nd in Mathematics. Regular winner of the inter-schools Tour de Math competitions. Progressed to the national Mathematics, IT (computer science) and accounting Olympiads.

Internships completed

ABSA consultants and Actuaries, RungePincockMinarco, Portage Technologies, MC van der Berg Attorneys, Deloitte Advanced Vac program (Placed 1st)

Skills and interests

Technical Skills	Data analysis, Quantitative Analysis, Mathematical Statistics, Statistical learning, completed university subjects corresponding to ASSA's A111, A112, A113, A211, A212, A213, A214, N111 actuarial board exams.
Soft Skills	Clearly explaining the underlying intuition to someone with no background information, analytical problem solving, data analysis, business sense with background in finance and economics, concise communication.
Programming languages/tools	Python, R, Java, Statistica, SAS, Latex, VBA, VIM, GIT
Statistical learning	K-nearest, K-means, Particle Swarm Optimization, Ridge and LASSO regression, Principle Component Analysis and Regression, Decision Trees, Linear Discriminant Analysis, Naive Bayes, Gradient Descent
Languages	Fluent in English and Afrikaans, understands Dutch
Interests	Networking/connecting with people and building new relationships, Golf, rowing, avid rock climber, watching sports, developing new skills, investing and trading options.
Extra	Padi certified scuba diver, Category C skippers license, Generation Africa executive certificate, trained barista.